

Creag a' Bhàird
Wind Farm



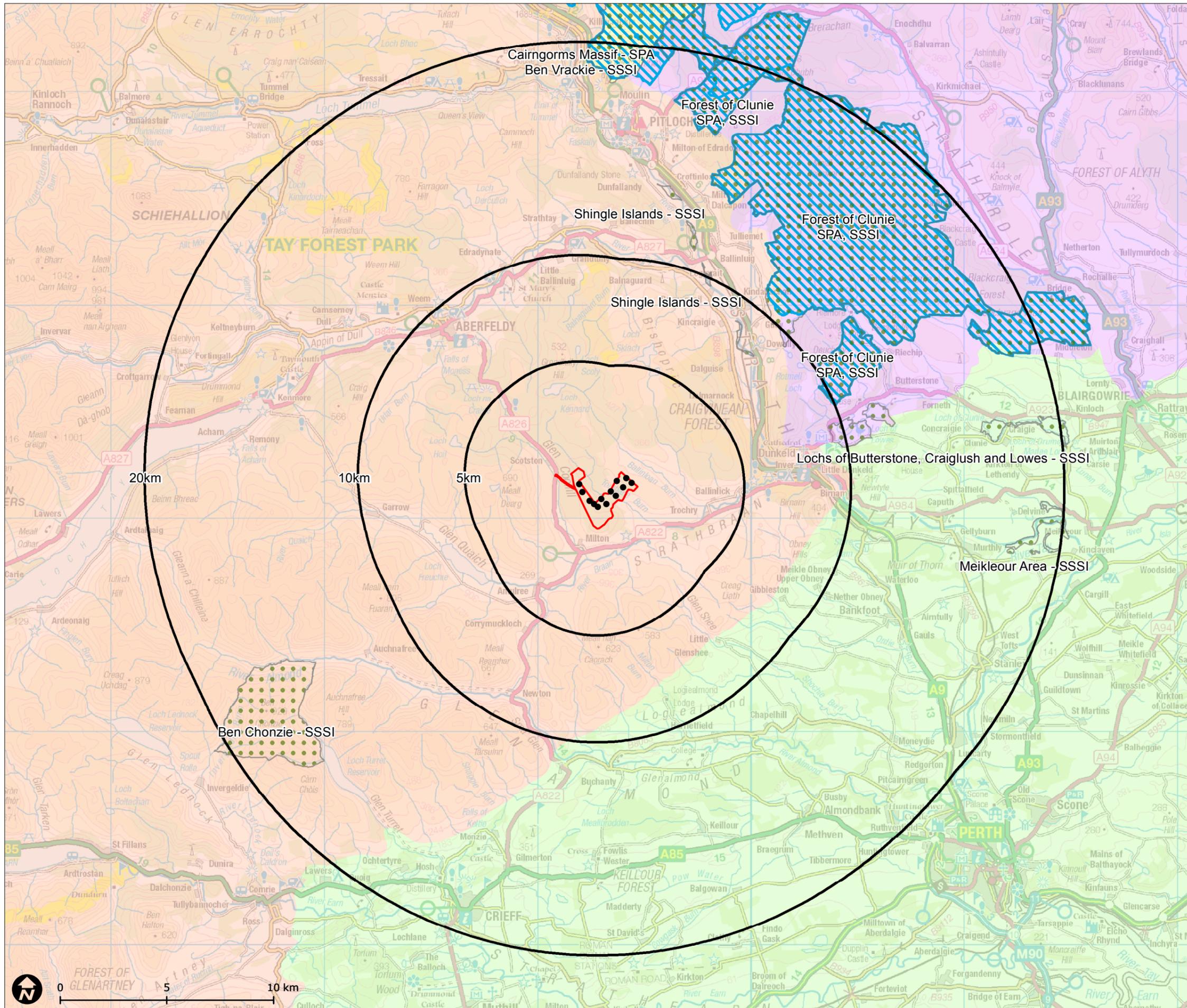
**Site Boundary and
Associated Study Areas**

- Site boundary
- + Turbine location
- Infrastructure
- Winter walkover survey boundary/
Breeding bird survey boundary - 500m
- Black grouse survey boundary
- 1500m
- Scarce breeding bird survey boundary
- 2000m

Figure 10.1

Map Scale @ A3:1:27,000



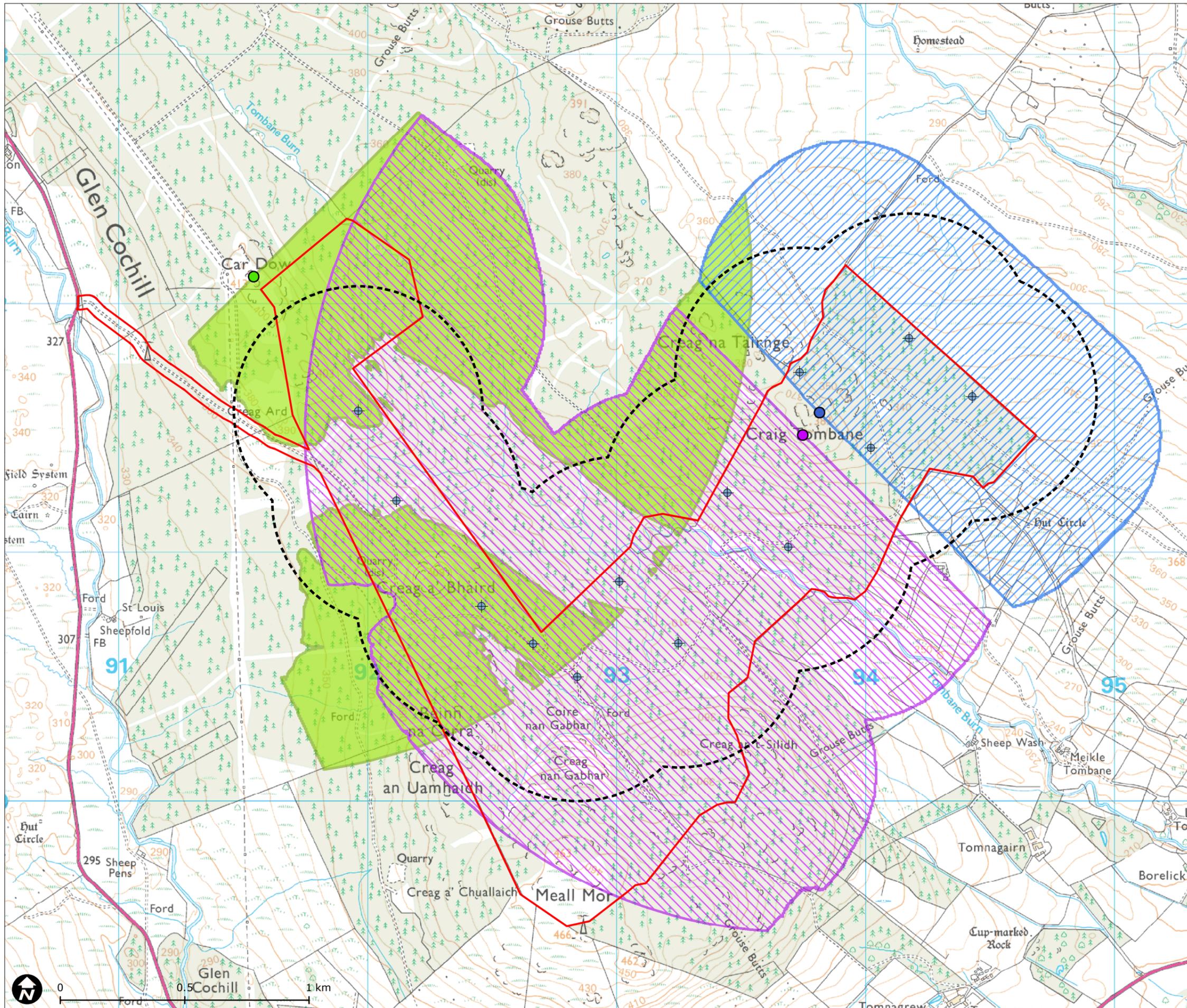


Ornithological Designated Sites within 20km

-  Site boundary
 -  Turbine location
 -  5, 10 & 20km distance bands
 -  Special Protection Area (SPA)
 -  Sites of Special Scientific Interest (SSSI)
- Natural Heritage Zone**
-  Cairngorms Massif
 -  Eastern Lowlands
 -  Loch Lomond, The Trossachs and Breadalbane
 -  North East Glens

Figure 10.2

Map Scale @ A3:1:175,000



Vantage Points and Viewsheds

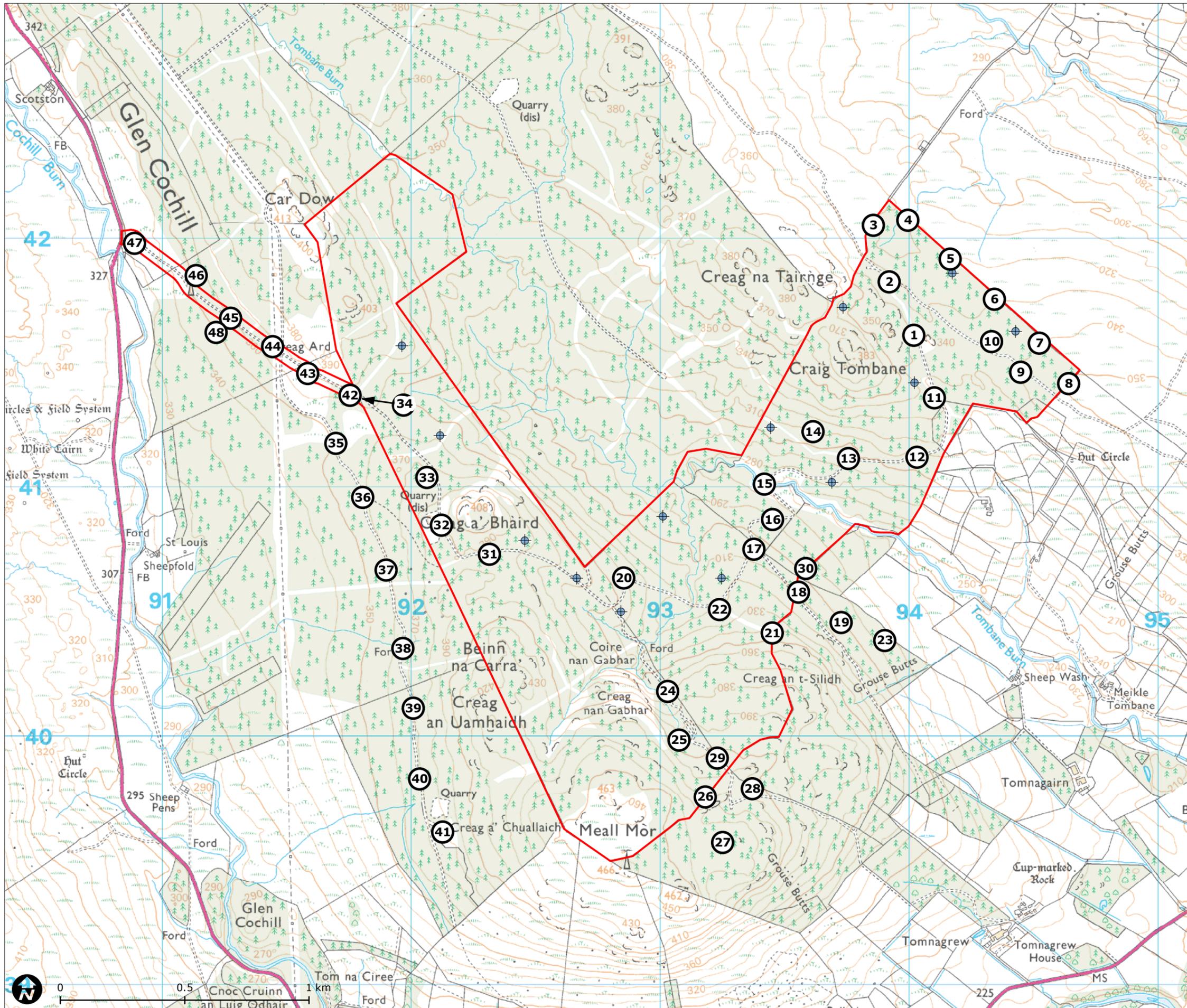
- Site boundary
- Turbine location
- CRAA*
- Vantage point 1
- Vantage point 2
- Vantage point 3
- Area visible from vantage point 1
- Area visible from vantage point 2
- Area visible from vantage point 3

*Collision Risk Analysis Area

NB The viewsheds are based on a 5m DTM to provide a representation of visibility from the observer locations, this is confirmed and refined through field site visits. The viewsheds presented in this figure are restricted by the extent of the DTM used therefore the actual visibility of the observer extends beyond the visible areas represented on the map.

Figure 10.3

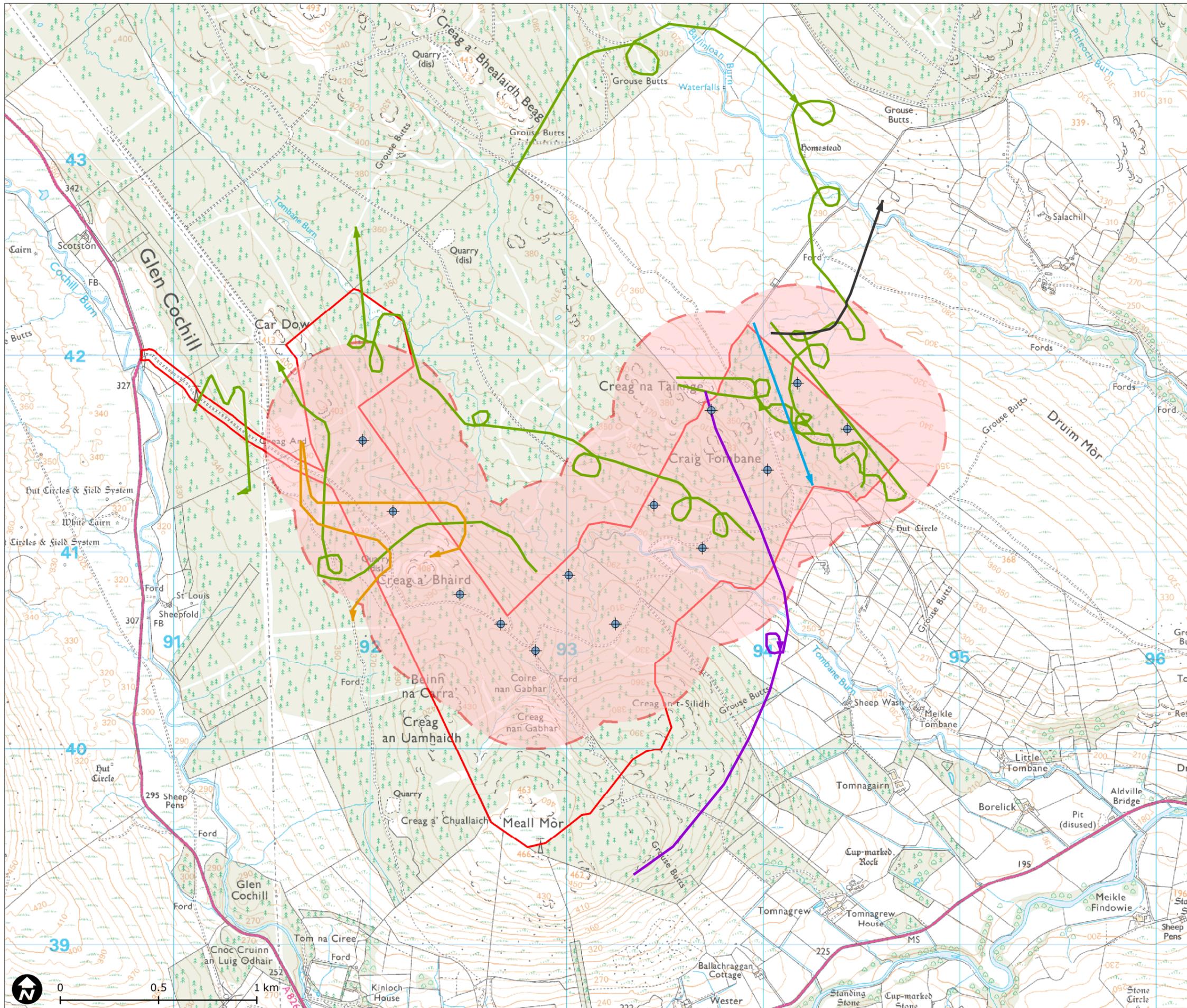
Map Scale @ A3:1:15,000



Woodland Point Count Locations

- Site boundary
- + Turbine location
- Woodland point count locations

Figure 10.4
Map Scale @ A3:1:15,000



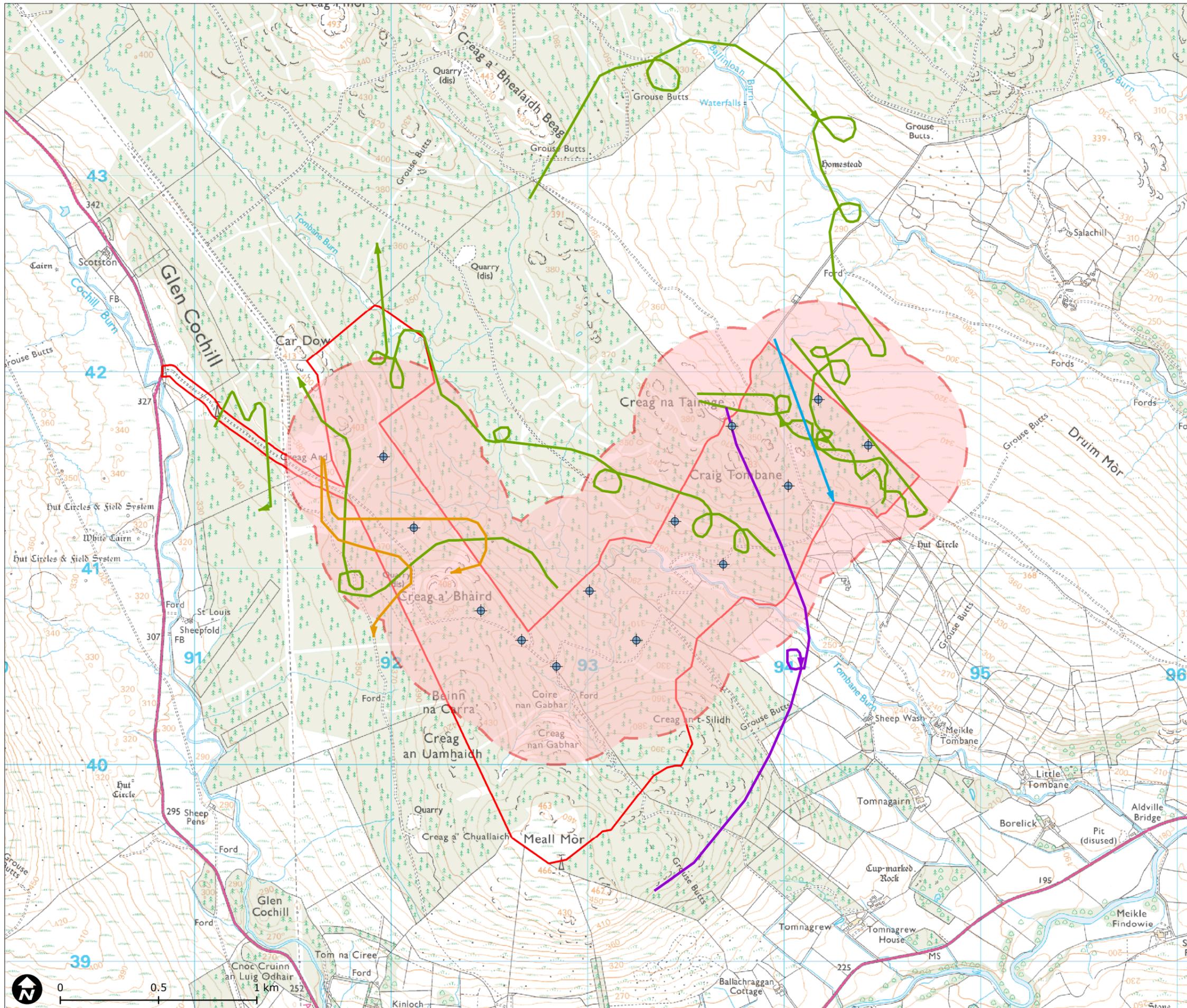
**Breeding Season Target
Species Flightlines 2011**

-  Site boundary
-  Turbine location
-  CRAA*
-  White-tailed eagle
-  Hen harrier
-  Goshawk
-  Peregrine
-  Black grouse

*Collision Risk Analysis Area

Figure 10.5

Map Scale @ A3:1:19,000



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**Breeding Season Target Species
Flightlines at Potential Collision
Height 2011**

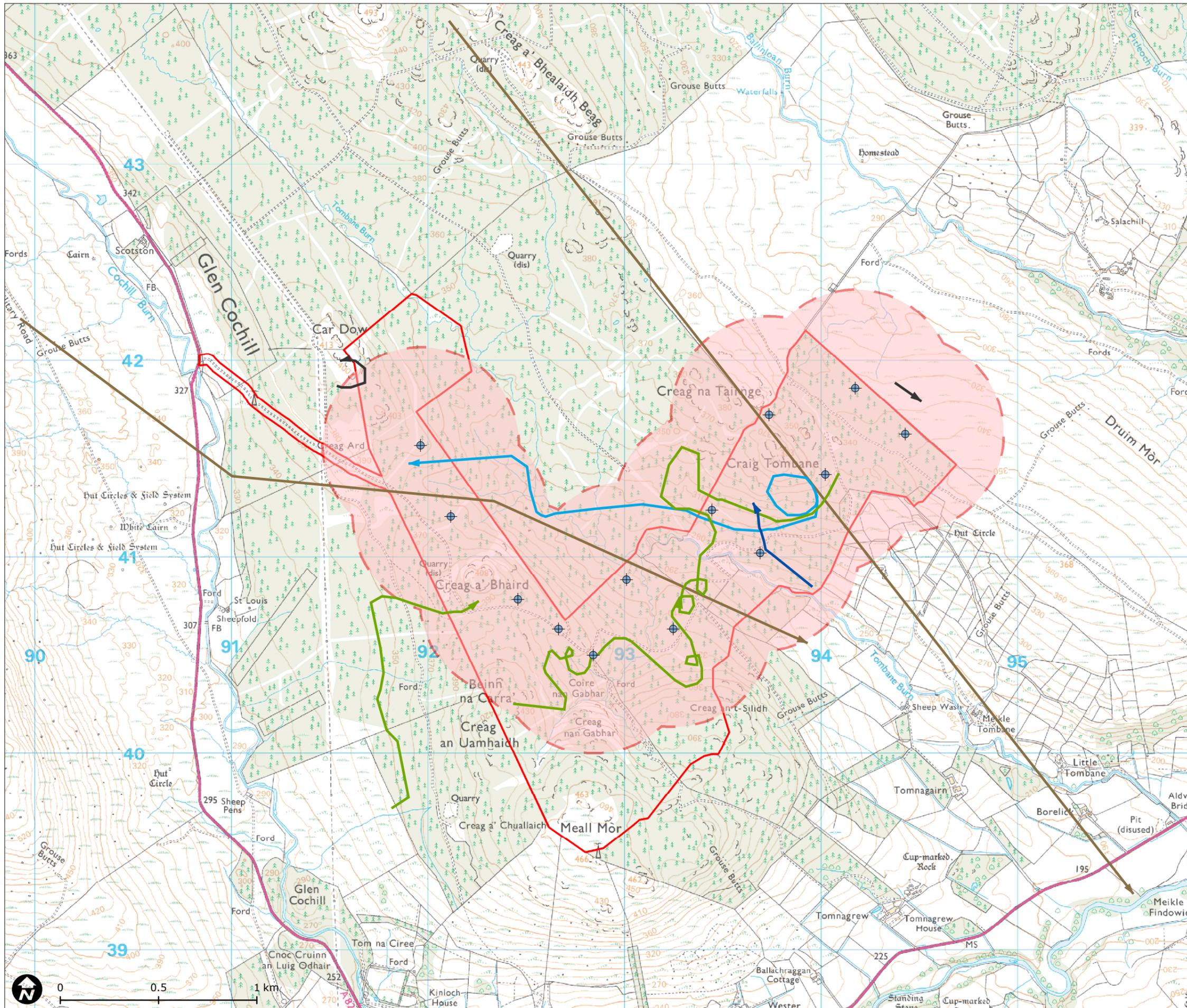
- Site boundary
- Turbine location
- CRAA*
- White-tailed eagle
- Hen harrier
- Goshawk
- Peregrine

*Collision Risk Analysis Area

Figure 10.6

Map Scale @ A3:1:19,000





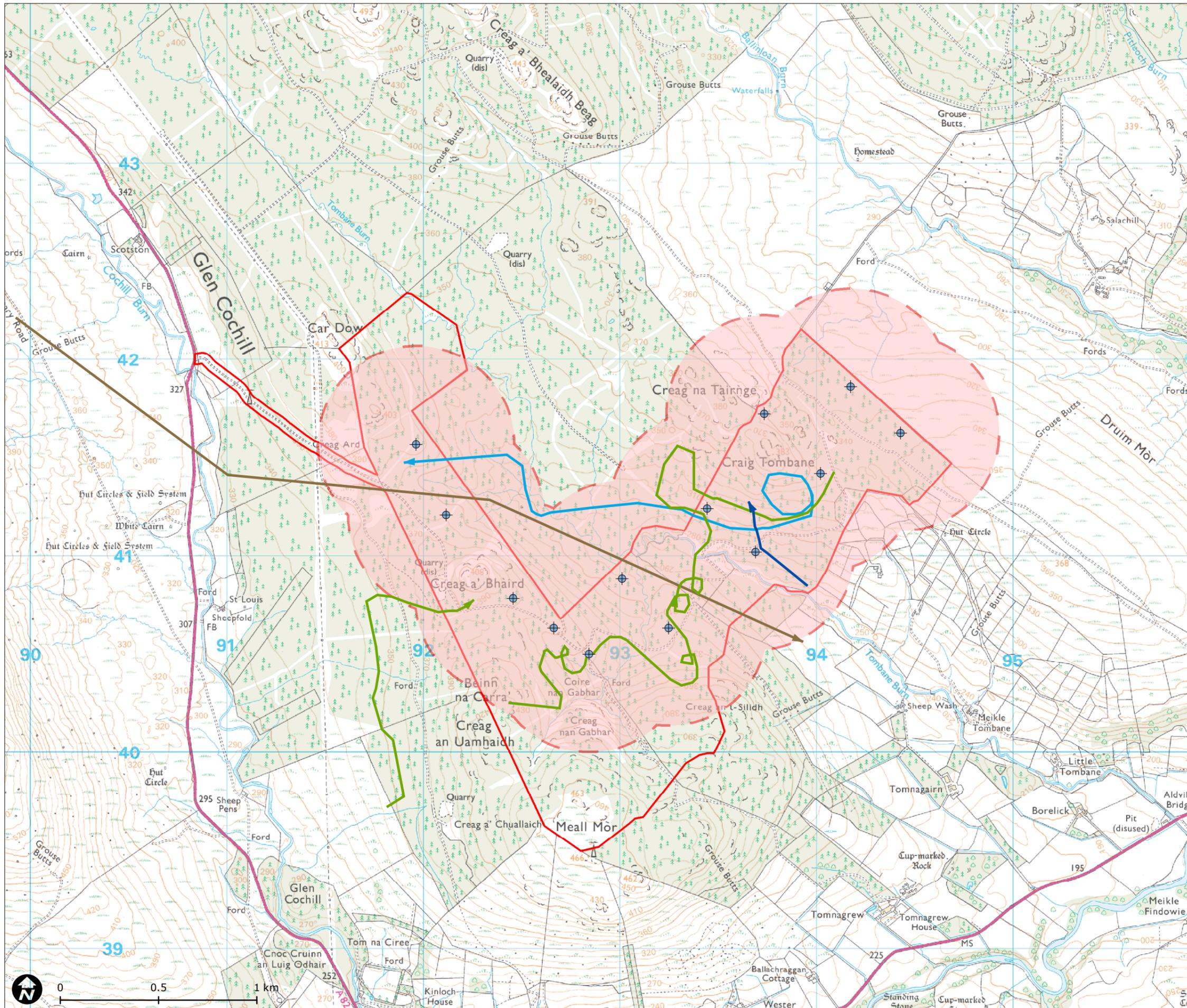
**Non-breeding Season Target
Species Flightlines 2011/2012**

-  Site boundary
-  Turbine location
-  CRAA*
-  Merlin
-  Hen harrier
-  Peregrine
-  Black grouse
-  Greylag goose

*Collision Risk Analysis Area

Figure 10.7

Map Scale @ A3:1:19,000



Creag a' Bhàird
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**Non-breeding Season Target
Species Flightlines at Potential
Collision Height 2011/2012**

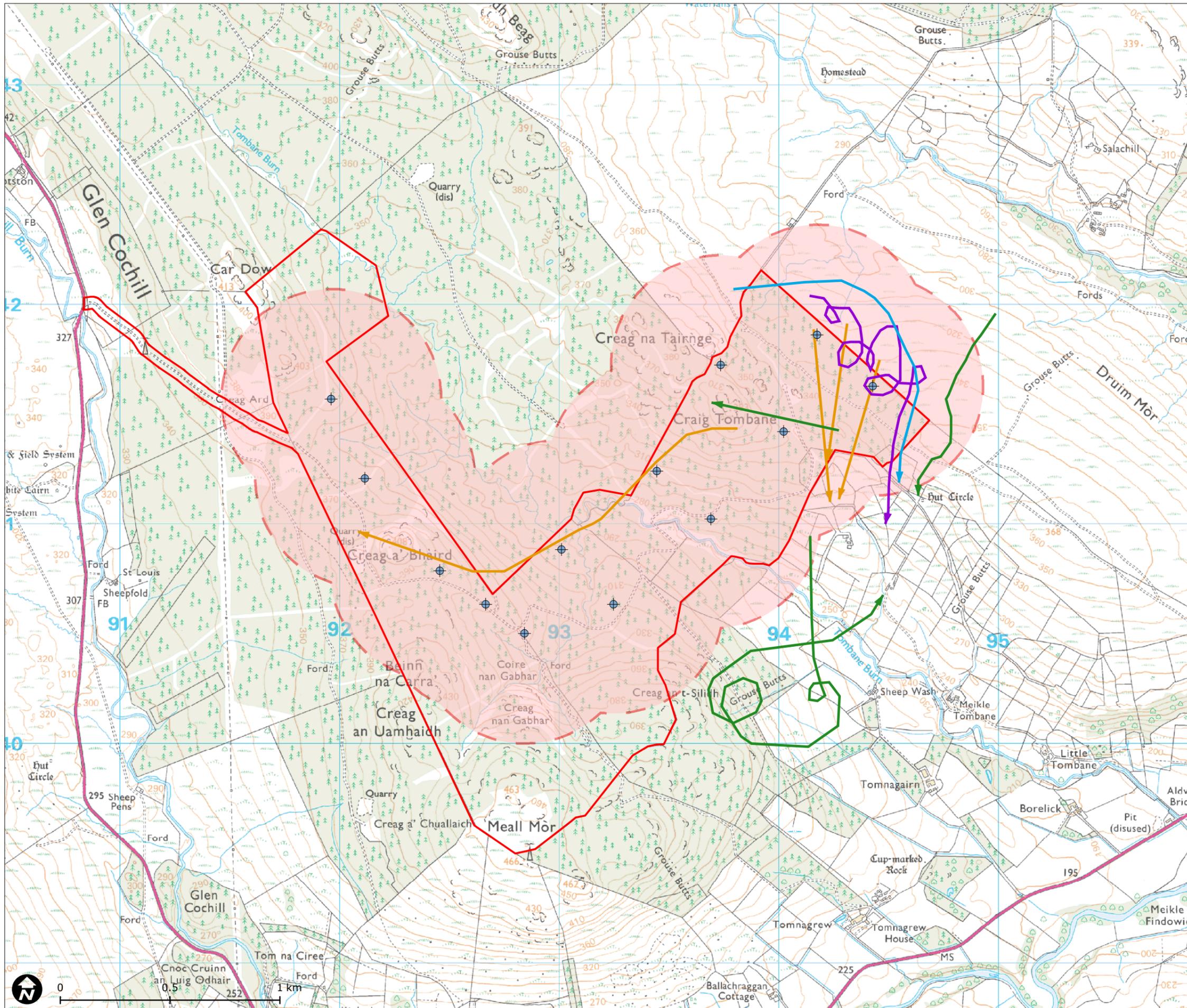
- Site boundary
- Turbine location
- CRAA*
- Merlin
- Hen harrier
- Peregrine
- Greylag goose

*Collision Risk Analysis Area

Figure 10.8

Map Scale @ A3:1:19,000





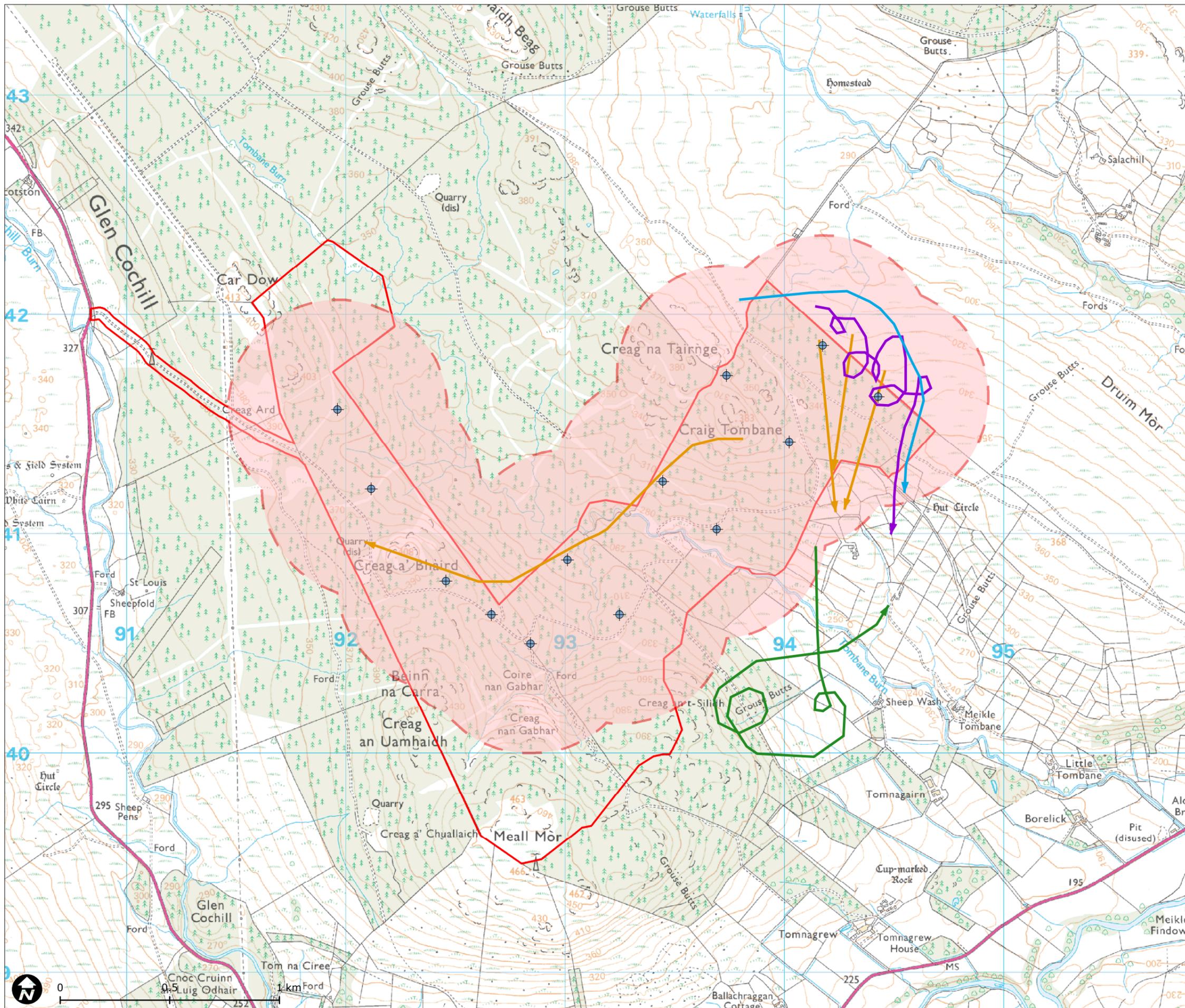
**Breeding Season Target
Species Flightlines 2012**

-  Site boundary
-  Turbine location
-  CCAA*
-  Red kite
-  Hen harrier
-  Peregrine
-  Curlew

*Collision Risk Analysis Area

Figure 10.9

Map Scale @ A3:1:17,000



Creag a' Bhàird
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**Breeding Season Target Species
Flightlines at Potential Collision
Height 2012**

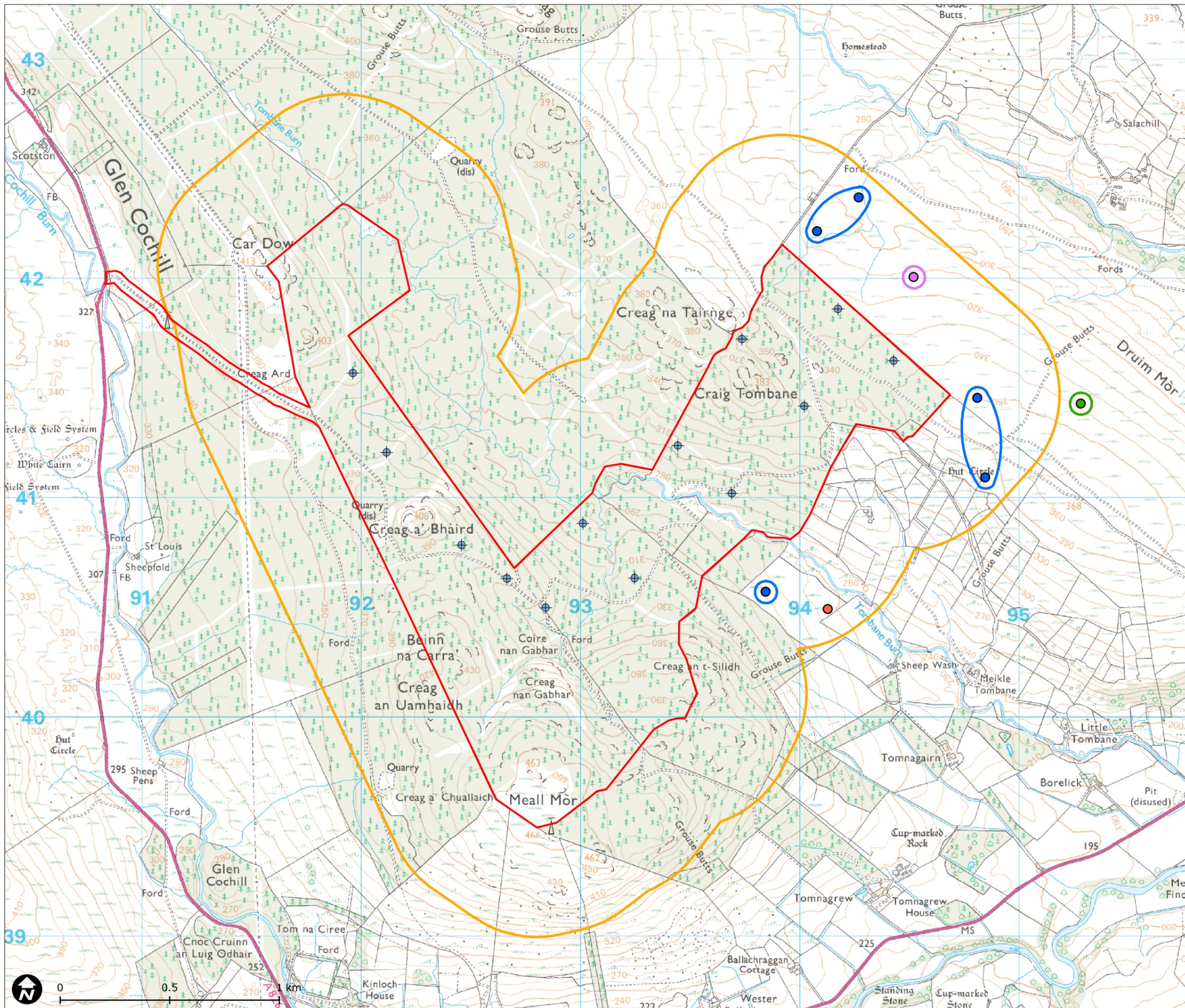
- Site boundary
- Turbine location
- CRAA*
- Red kite
- Hen harrier
- Peregrine
- Curlew

*Collision Risk Analysis Area

Figure 10.10

Map Scale @ A3:1:17,000



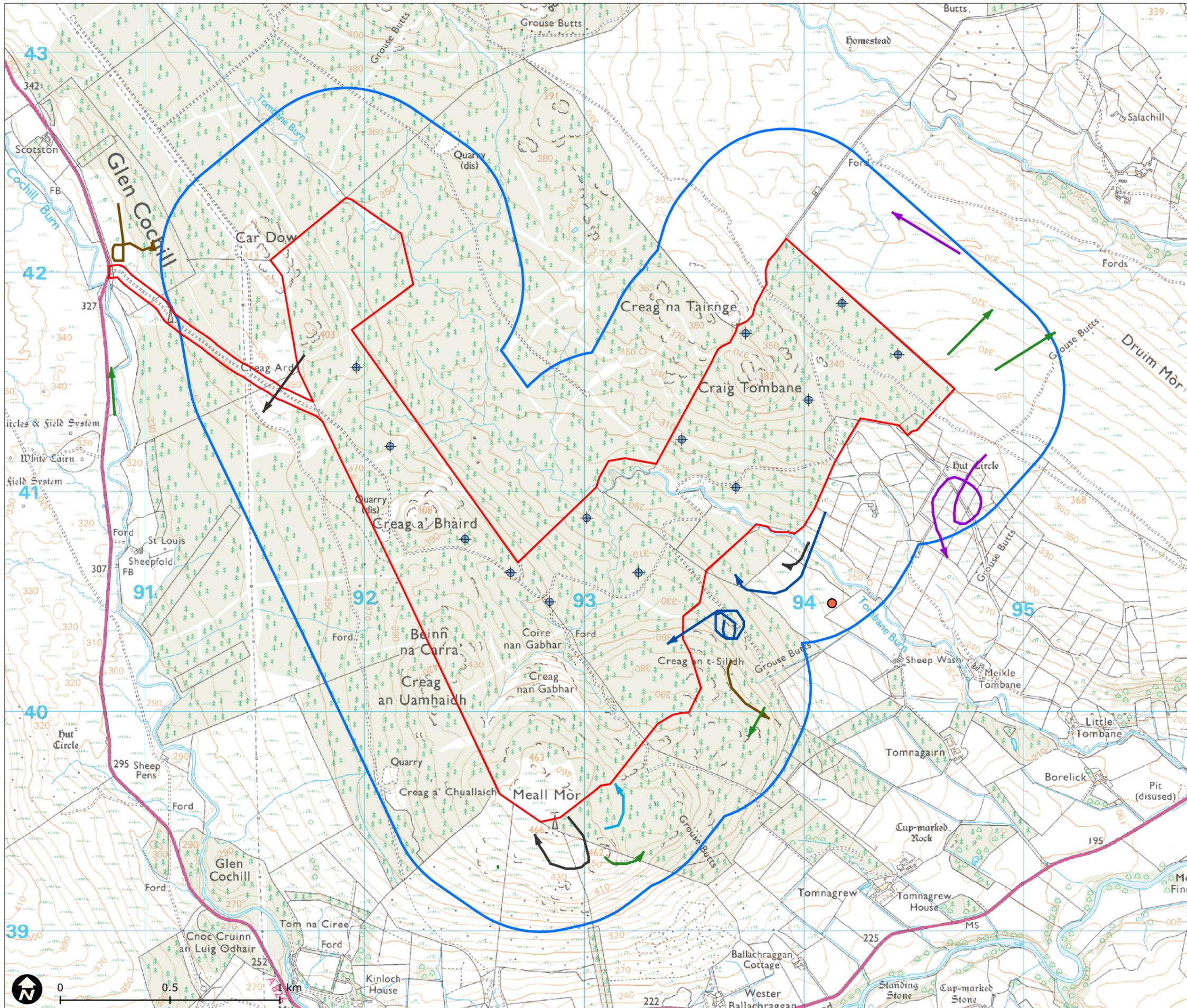


**Breeding Bird Survey
Results 2011**

- Site boundary
- Turbine location
- Breeding bird survey boundary - 500m
- Breeding Territory**
- Curlew
- Red grouse
- Snipe
- Observation**
- Curlew
- Red grouse
- Snipe
- Oystercatcher (flock of 43)

Figure 10.11

Map Scale @ A3:1:17,000

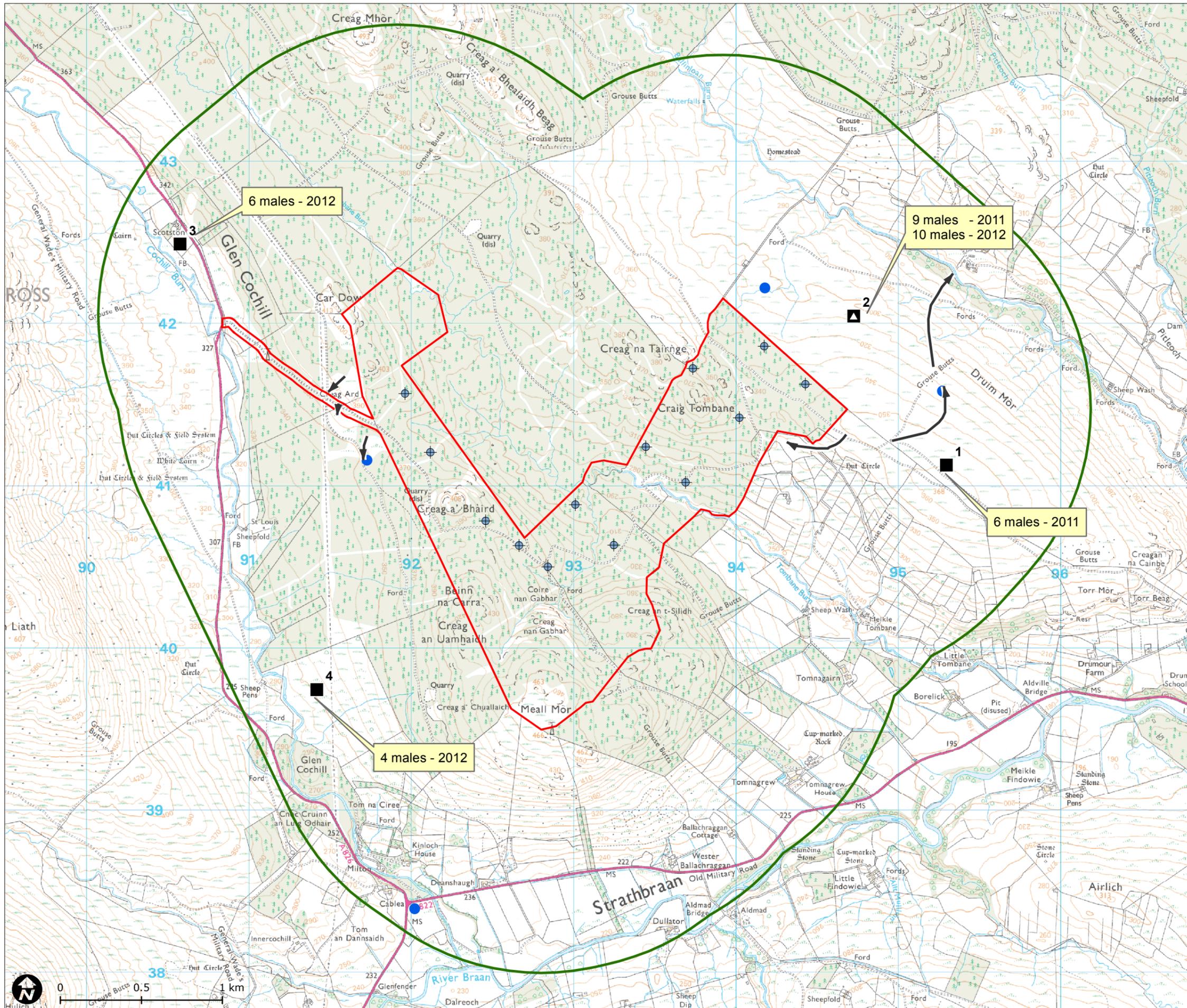


**Winter Walkover Survey
Results 2011/2012**

- ▭ Site boundary
- ⊕ Turbine location
- ▭ Winter walkover survey boundary - 500m
- ➔ Buzzard
- ➔ Kestrel
- ➔ Red grouse
- ➔ Woodcock
- ➔ Crossbill
- ➔ Raven
- Oystercatcher

Figure 10.12

Map Scale @ A3:1:17,000



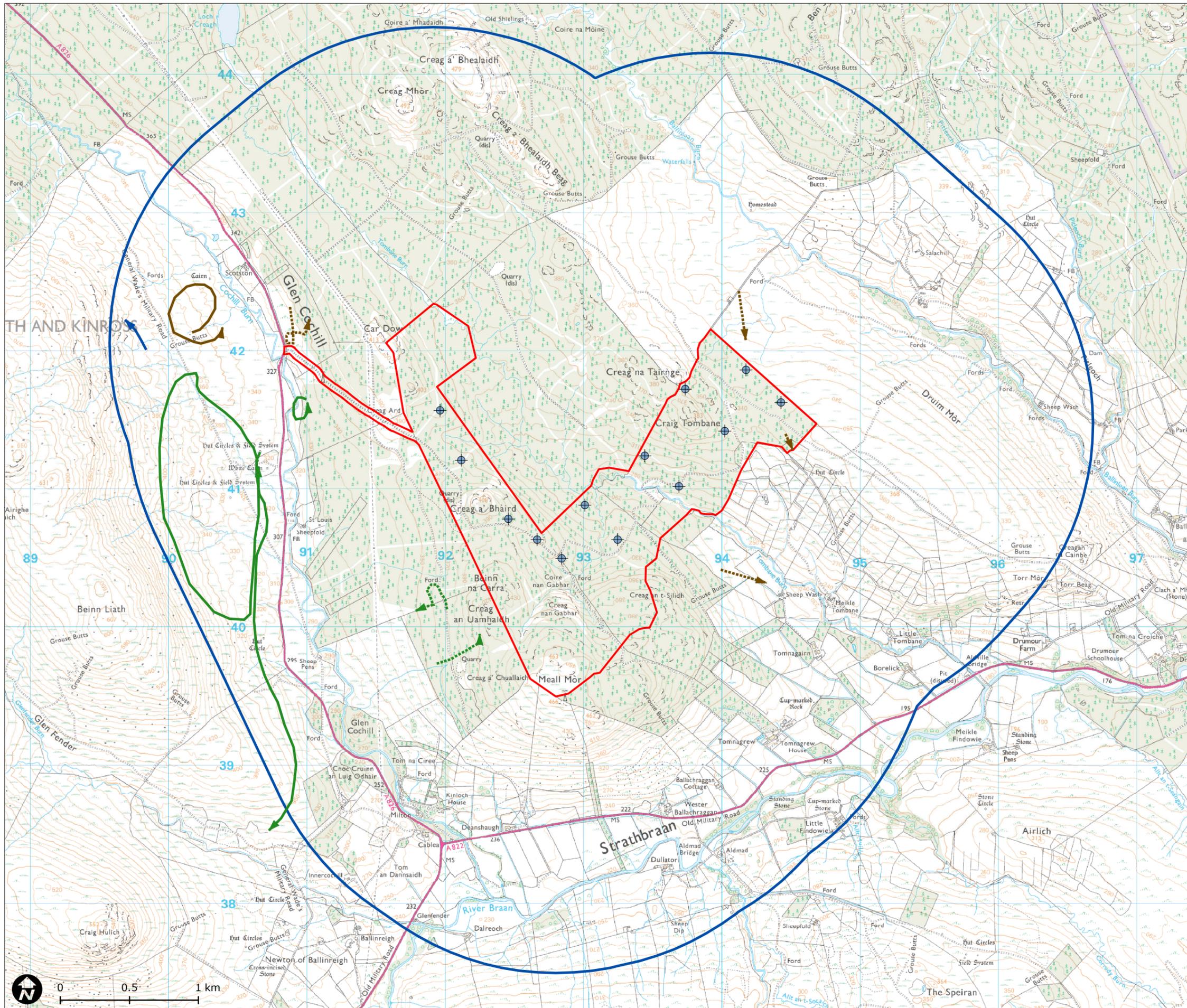
**Black Grouse Survey Results
2011/2012**

- Site boundary
- Turbine location
- Black grouse survey boundary - 1500m
- Black Grouse**
- Lek location
- Incidental Lek record
- Flights*
- Incidental record

*Incidental sightings taken from other specialist ornithological surveys

Figure 10.13

Map Scale @ A3:1:23,000



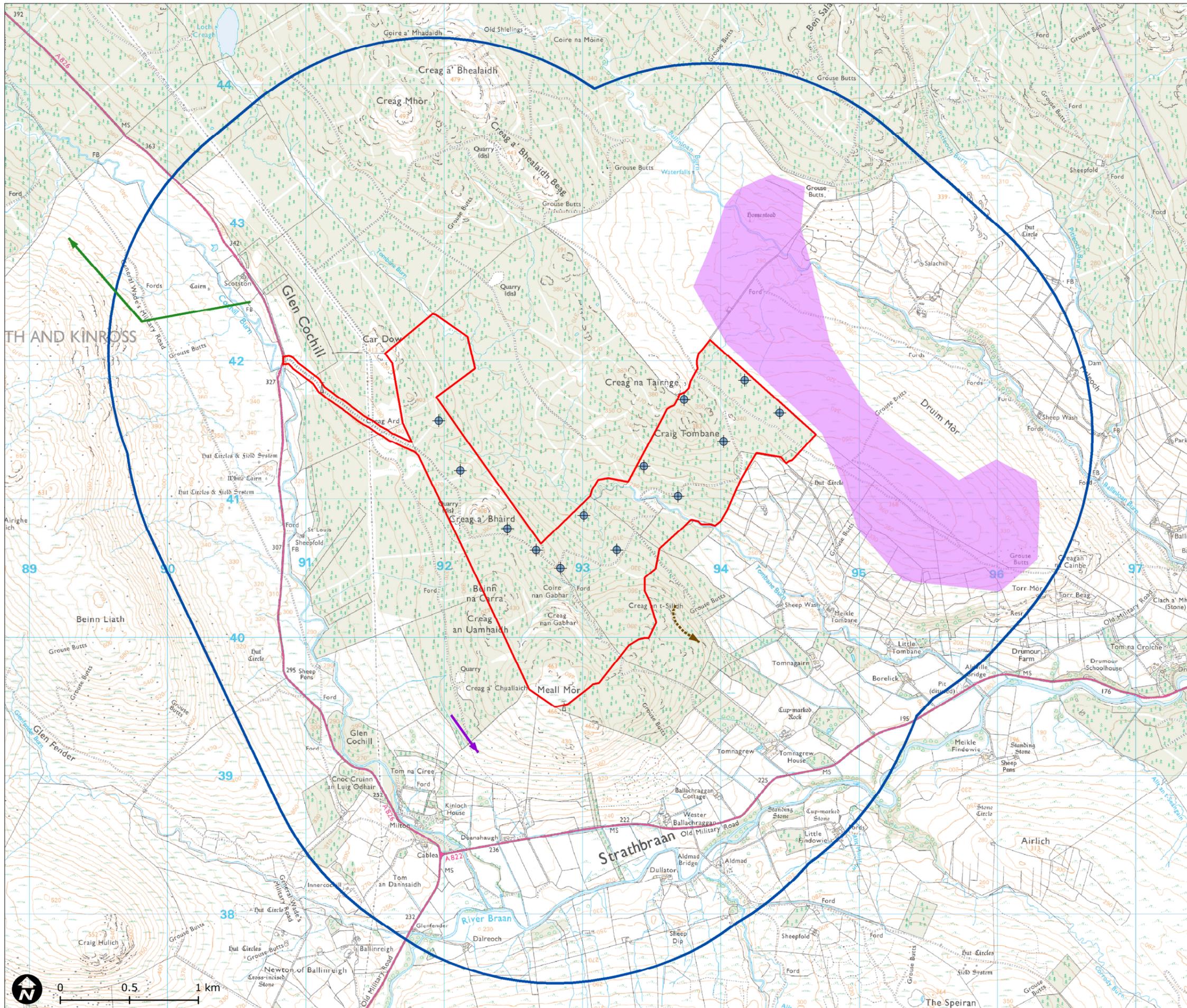
**Scarce Breeding Bird Survey
2011**

- Site boundary
- Turbine location
- Scarce breeding bird survey boundary - 2000m
- Merlin
- Hen harrier
- Hen harrier*
- Kestrel
- Kestrel*

*Incidental records

Figure 10.14

Map Scale @ A3:1:27,000



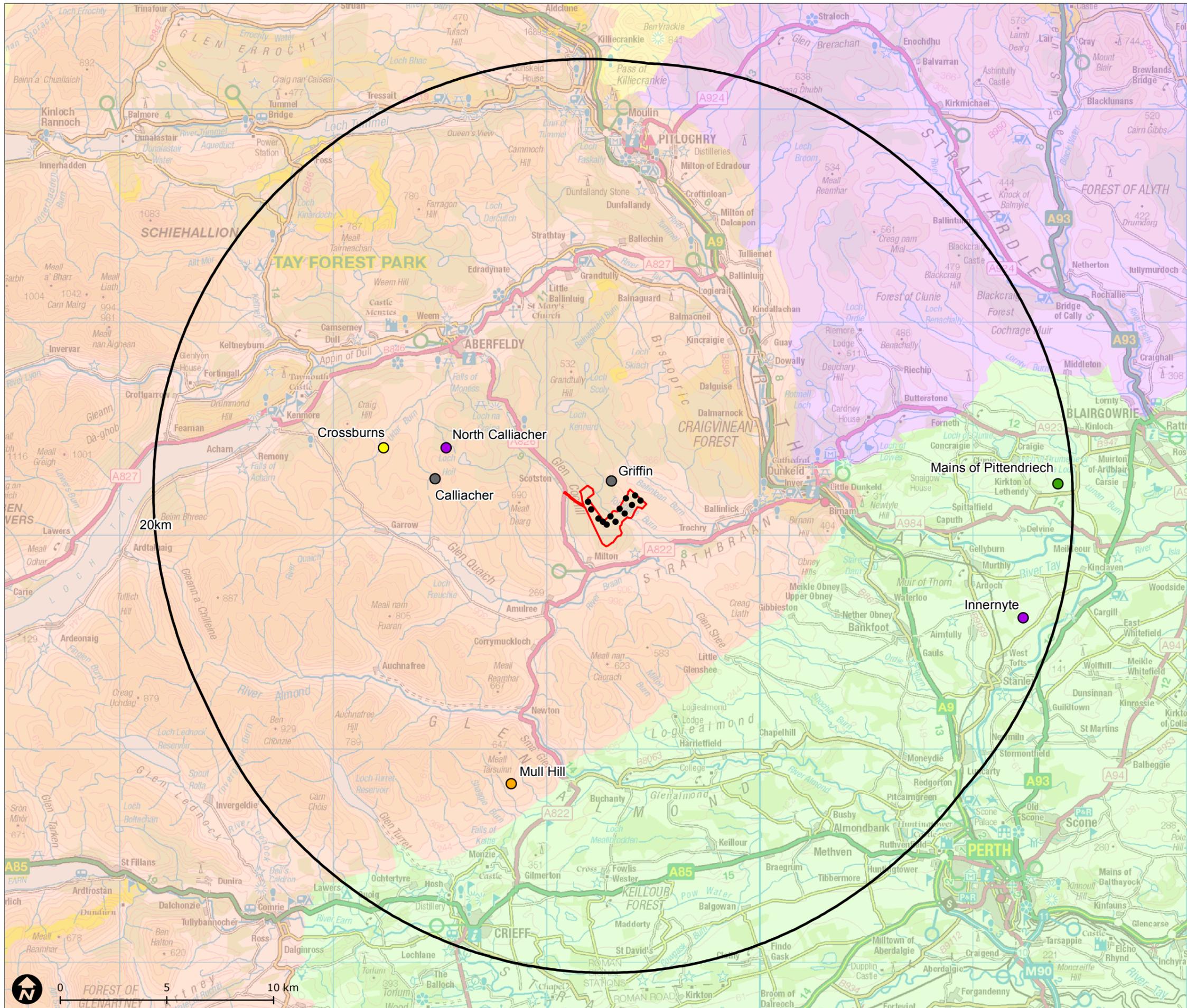
**Scarce Breeding Bird Survey
Results 2012**

- Site boundary
- Turbine location
- Scarce breeding bird survey boundary - 2000m
- Hen harrier
- Red kite
- Kestrel*
- Flight activity**
- Red kite

*Incidental record

Figure 10.15

Map Scale @ A3:1:27,000



Cumulative Impact Assessment

- Site boundary
- Turbine location
- 20km distance band
- Wind farm status**
- Operational
- Consented
- Appeal/public inquiry
- Application submitted
- Design/scoping
- Natural Heritage Zone**
- Cairngorms Massif
- Eastern Lowlands
- Loch Lomond, The Trossachs and Breadalbane
- North East Glens

Figure 10.16

Map Scale @ A3:1:175,000