



# CAIRNMORE HILL WIND FARM

## FIGURE 8.1

### SITE BOUNDARY AND STUDY AREAS

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2022 LICENCE NUMBER 0100031673.

#### KEY

TURBINE LOCATION

SITE BOUNDARY

INFRASTRUCTURE

#### STUDY AREAS

500M

1KM

2KM



0 250 500 METRES

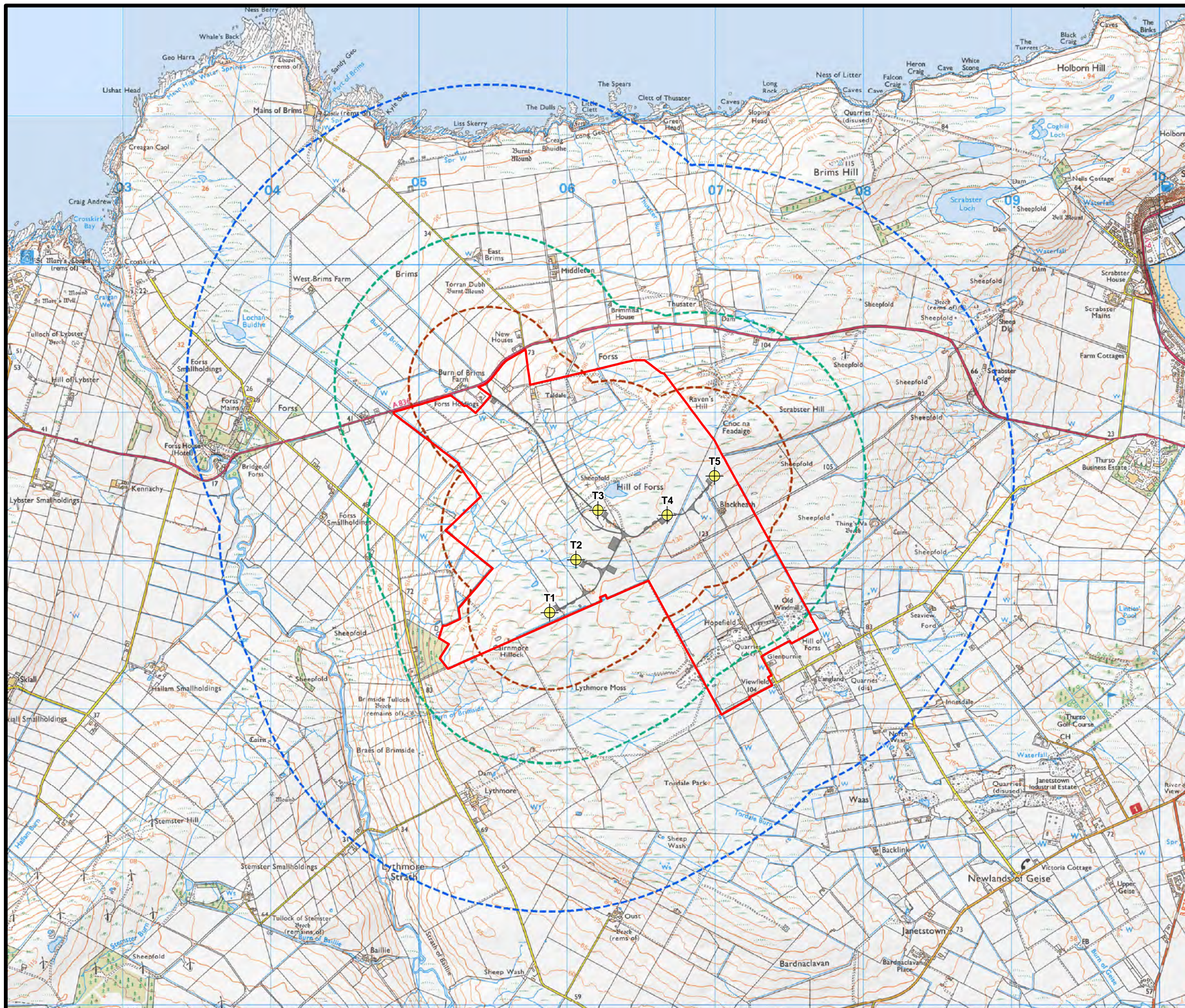
LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

DRAWING NUMBER: **FIGURE 8.1**

SCALE - 1:25,000 @ A3

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# CAIRNMORE HILL WIND FARM

## FIGURE 8.2

### VANTAGE POINTS AND VIEWSHEDS

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#### KEY

- TURBINE LOCATION
- SITE BOUNDARY
- INFRASTRUCTURE
- VANTAGE POINTS AND VIEWSHEDS**
- VANTAGE POINT (VP)
- VISIBLE AREA FROM VP1
- VISIBLE AREA FROM VP2
- VISIBLE AREA FROM VP3



0 250 500 METRES

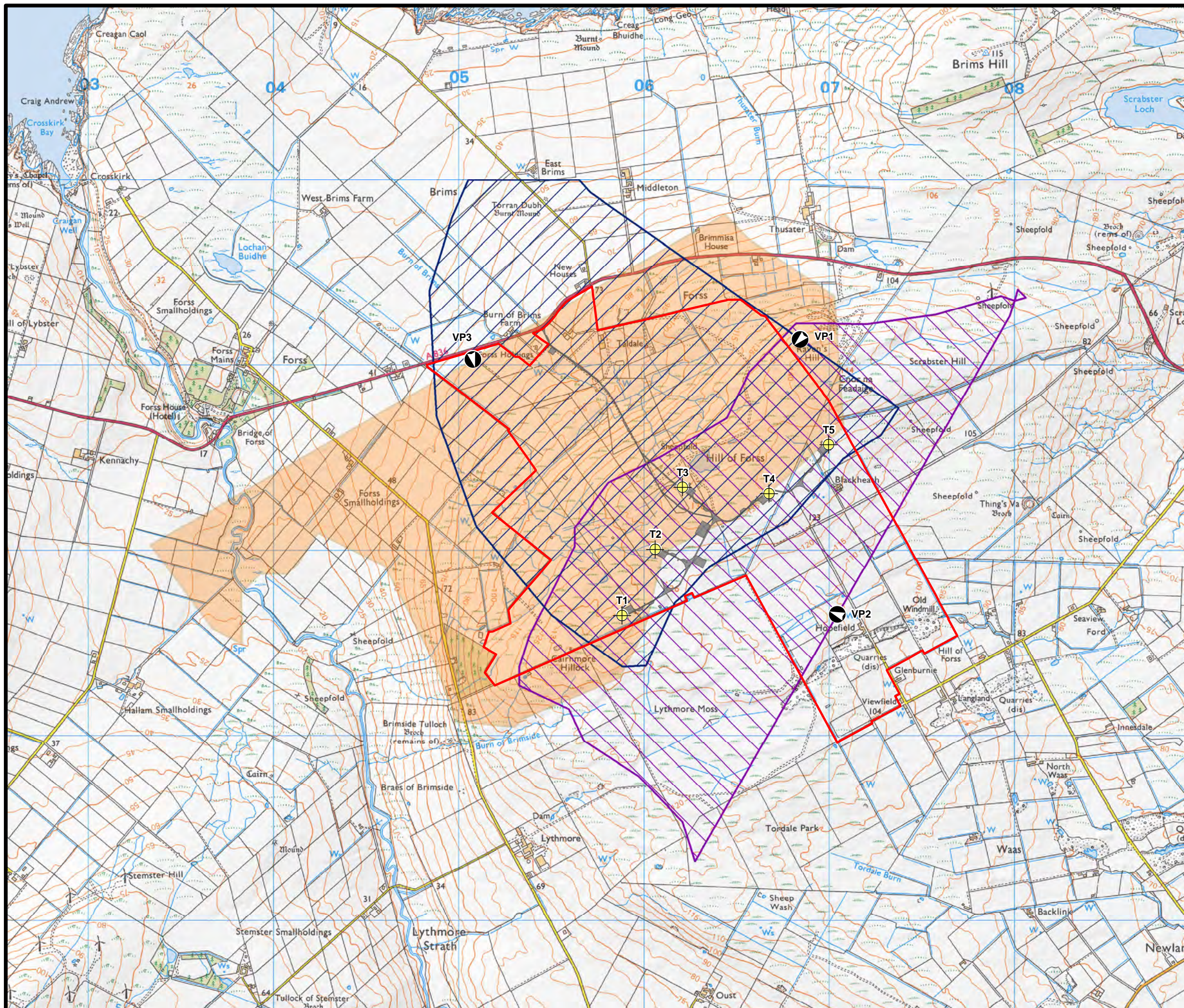
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DRAWING NUMBER: **FIGURE 8.2**

SCALE - 1:20,000 @ A3

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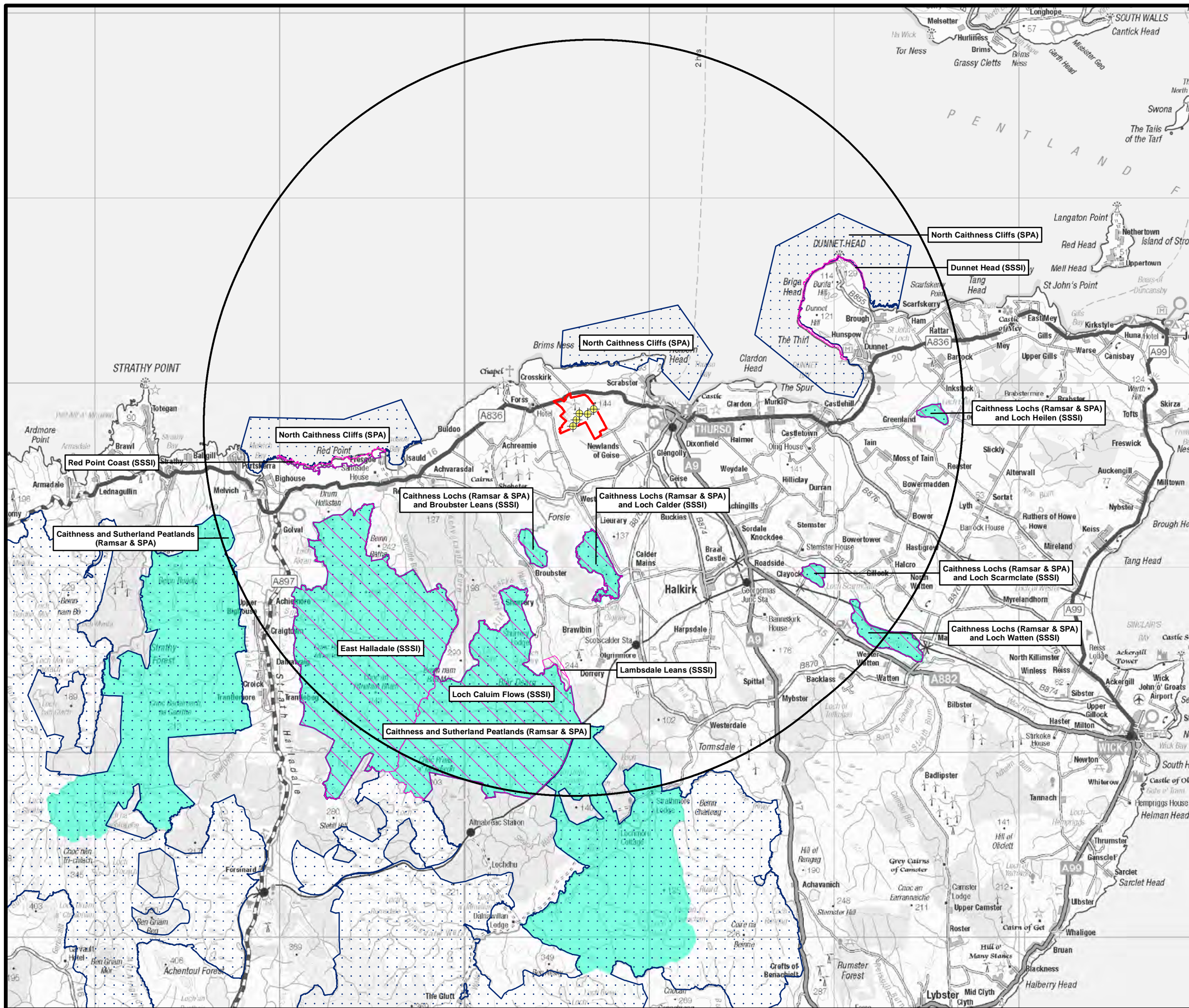




# CAIRNMORE HILL WIND FARM

## FIGURE 8.3

### ORNITHOLOGICAL DESIGNATED SITES WITHIN 20KM



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 2022 LICENCE NUMBER 0100031673. CONTAINS NATURESCOT  
 INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE V3.0.

**KEY**

- TURBINE LOCATION
- SITE BOUNDARY
- 20KM DISTANCE BAND

**ORNITHOLOGICAL DESIGNATED SITES**

SOURCE: NATURESCOT

- RAMSAR
- SPECIAL PROTECTION AREA (SPA)
- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)

0 2.5 5 KM

LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

DRAWING NUMBER: **FIGURE 8.3**

SCALE - 1:200,000 @ A3

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# CAIRNMORE HILL WIND FARM

## FIGURE 8.4

### FORAGING WILDFOWL: BARNACLE GOOSE AND BRENT GOOSE

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#### KEY

TURBINE LOCATION

SITE BOUNDARY

INFRASTRUCTURE

#### STUDY AREAS

500M

1000M

#### BRENT GOOSE FORAGING ACTIVITY PER SEASON

NON-BREEDING SEASON  
2013/2014

#### BARNACLE GOOSE FORAGING ACTIVITY PER SEASON

NON-BREEDING SEASON  
2015/2016

NON-BREEDING SEASON  
2016/2017



0 250 500  
METRES

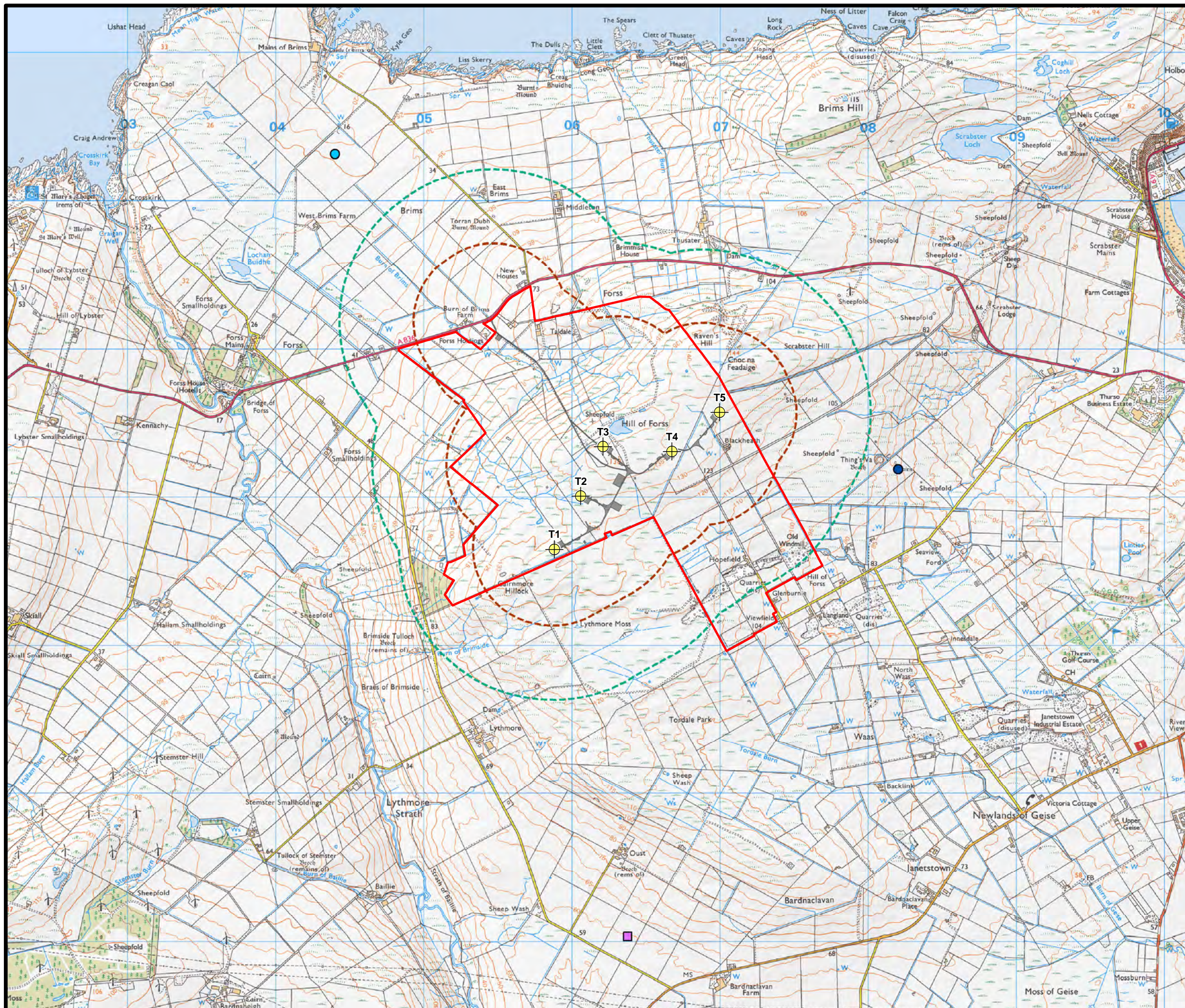
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DRAWING NUMBER: **FIGURE 8.4**

SCALE - 1:25,000 @ A3

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# CAIRNMORE HILL WIND FARM

## FIGURE 8.5

### FORAGING WILDFOWL: GREENLAND WHITE-FRONTED GOOSE

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#### KEY

TURBINE LOCATION

SITE BOUNDARY

INFRASTRUCTURE

#### STUDY AREAS

500M

1000M

#### GREENLAND WHITE-FRONTED GOOSE FORAGING ACTIVITY PER SEASON

NON-BREEDING SEASON 2013/2014

NON-BREEDING SEASON 2015/2016

NON-BREEDING SEASON 2016/2017



0 250 500 METRES

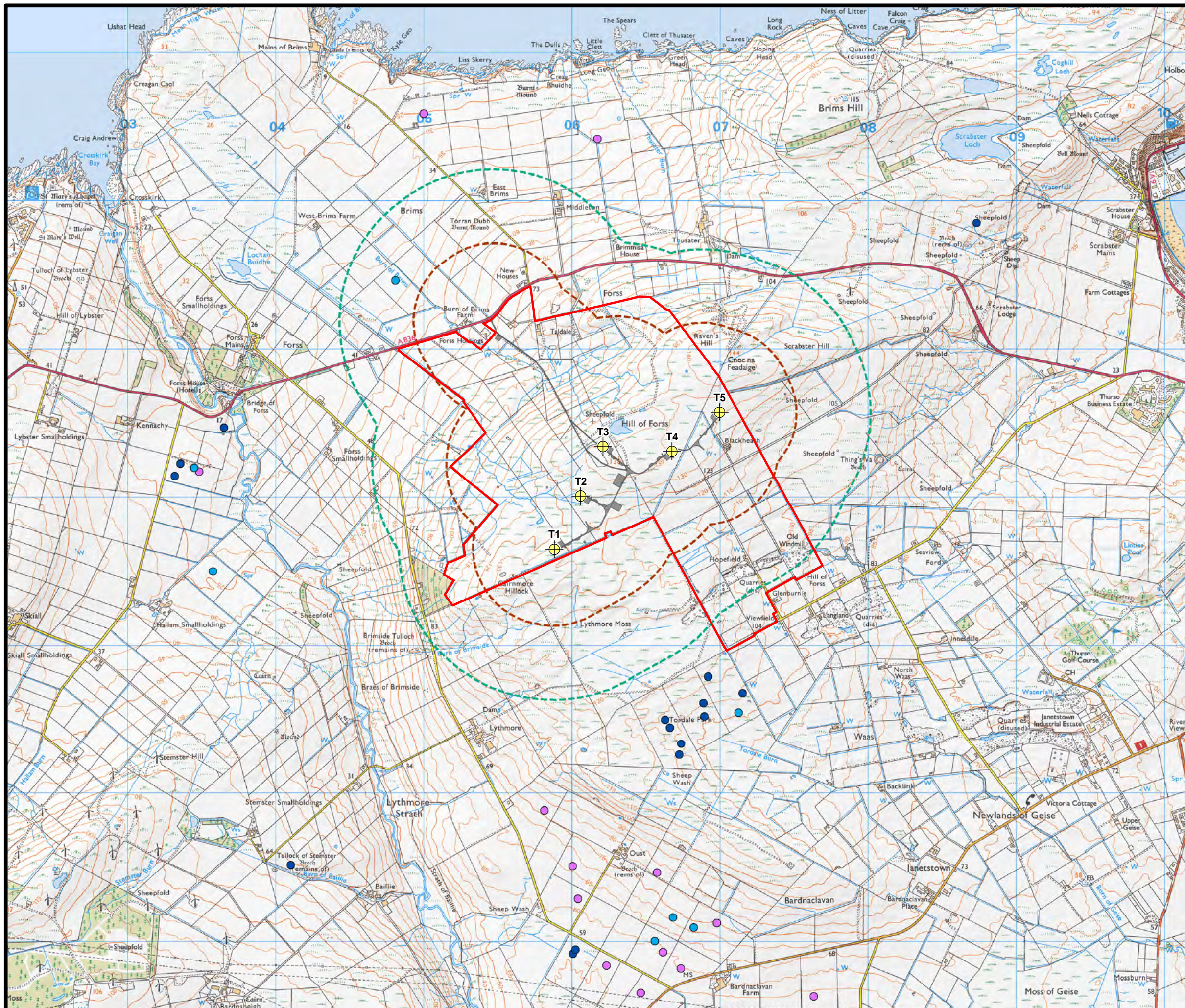
LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

DRAWING NUMBER: **FIGURE 8.5**

SCALE - 1:25,000 @ A3

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# CAIRNMORE HILL WIND FARM

## FIGURE 8.6

### FORAGING WILDFOWL: GREYLAG GOOSE

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#### KEY

TURBINE LOCATION

SITE BOUNDARY

INFRASTRUCTURE

#### STUDY AREAS

500M

1000M

FORAGING GREYLAG GOOSE DATA (MITCHELL, 2012)

#### GREYLAG GOOSE FORAGING ACTIVITY PER SEASON

NON-BREEDING SEASON 2013/2014

NON-BREEDING SEASON 2015/2016

NON-BREEDING SEASON 2016/2017



0 250 500 METRES

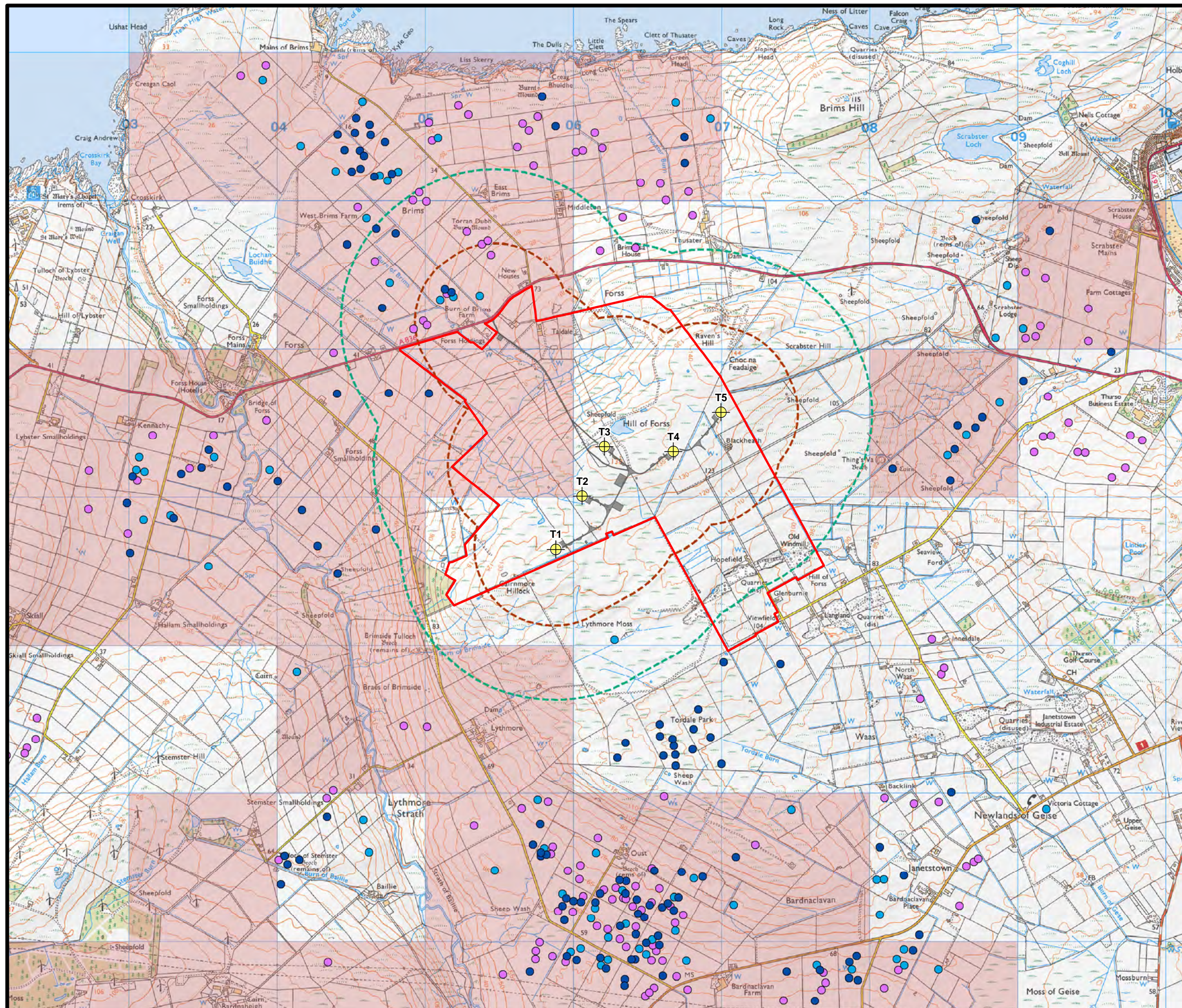
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DRAWING NUMBER: **FIGURE 8.6**

SCALE - 1:25,000 @ A3

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# CAIRNMORE HILL WIND FARM

## FIGURE 8.7

### FORAGING WILDFOWL: PINK-FOOTED GOOSE

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#### KEY

TURBINE LOCATION

SITE BOUNDARY

INFRASTRUCTURE

#### STUDY AREAS

500M

1000M

FORAGING PINK-FOOTED GOOSE DATA (MITCHELL, 2012)

#### PINK-FOOTED GOOSE FORAGING ACTIVITY PER SEASON

NON-BREEDING SEASON 2013/2014

NON-BREEDING SEASON 2015/2016

NON-BREEDING SEASON 2016/2017



0 250 500 METRES

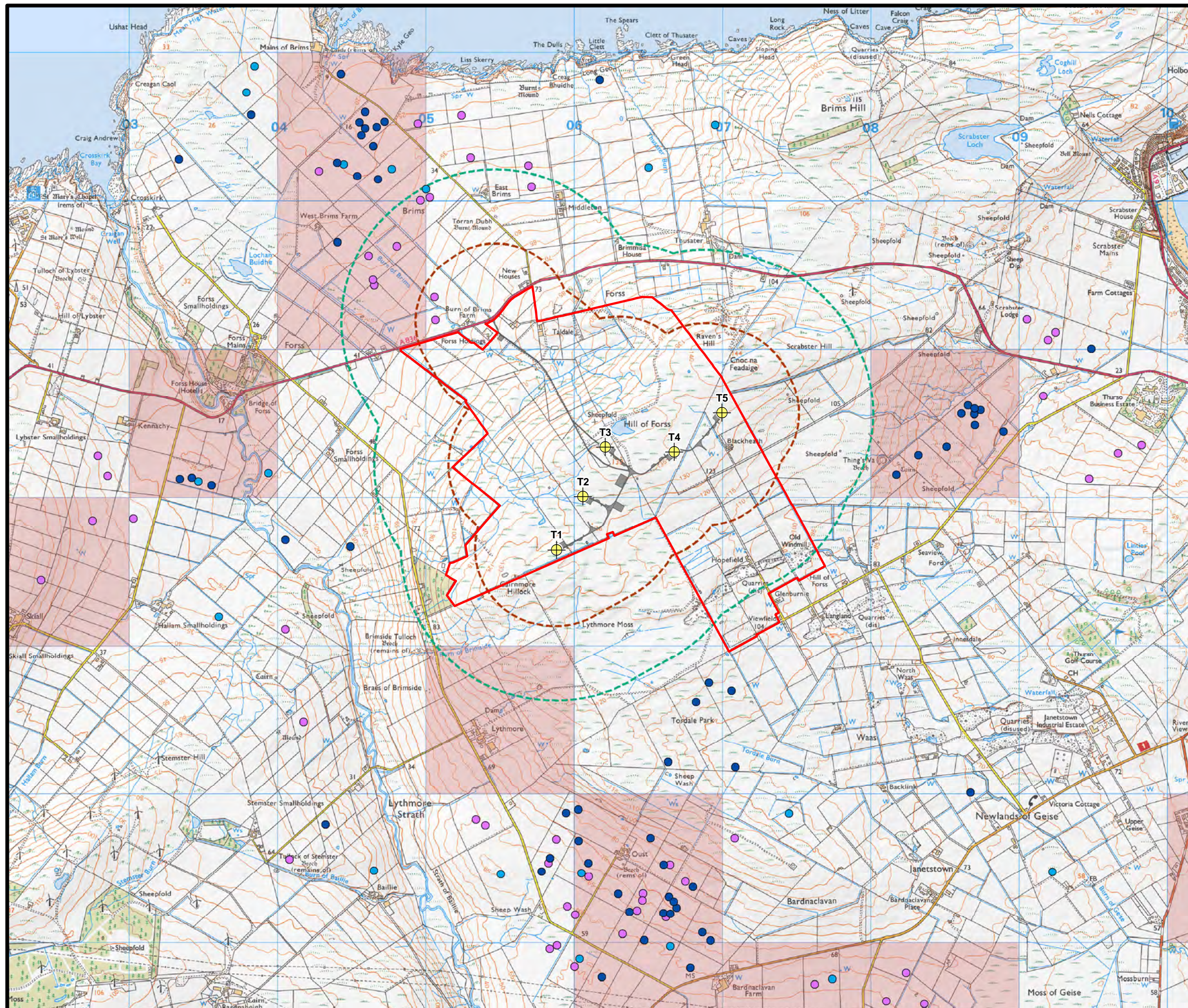
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DRAWING NUMBER: **FIGURE 8.7**

SCALE - 1:25,000 @ A3

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# CAIRNMORE HILL WIND FARM

## FIGURE 8.8



### FORAGING WILDFOWL: WHOOPER SWAN

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#### KEY

-  TURBINE LOCATION
-  SITE BOUNDARY
-  INFRASTRUCTURE

#### STUDY AREAS

-  500M
-  1000M

#### WHOOPER SWAN FORAGING ACTIVITY PER SEASON

-  NON-BREEDING SEASON 2013/2014
-  NON-BREEDING SEASON 2015/2016
-  NON-BREEDING SEASON 2016/2017



0 250 500 METRES

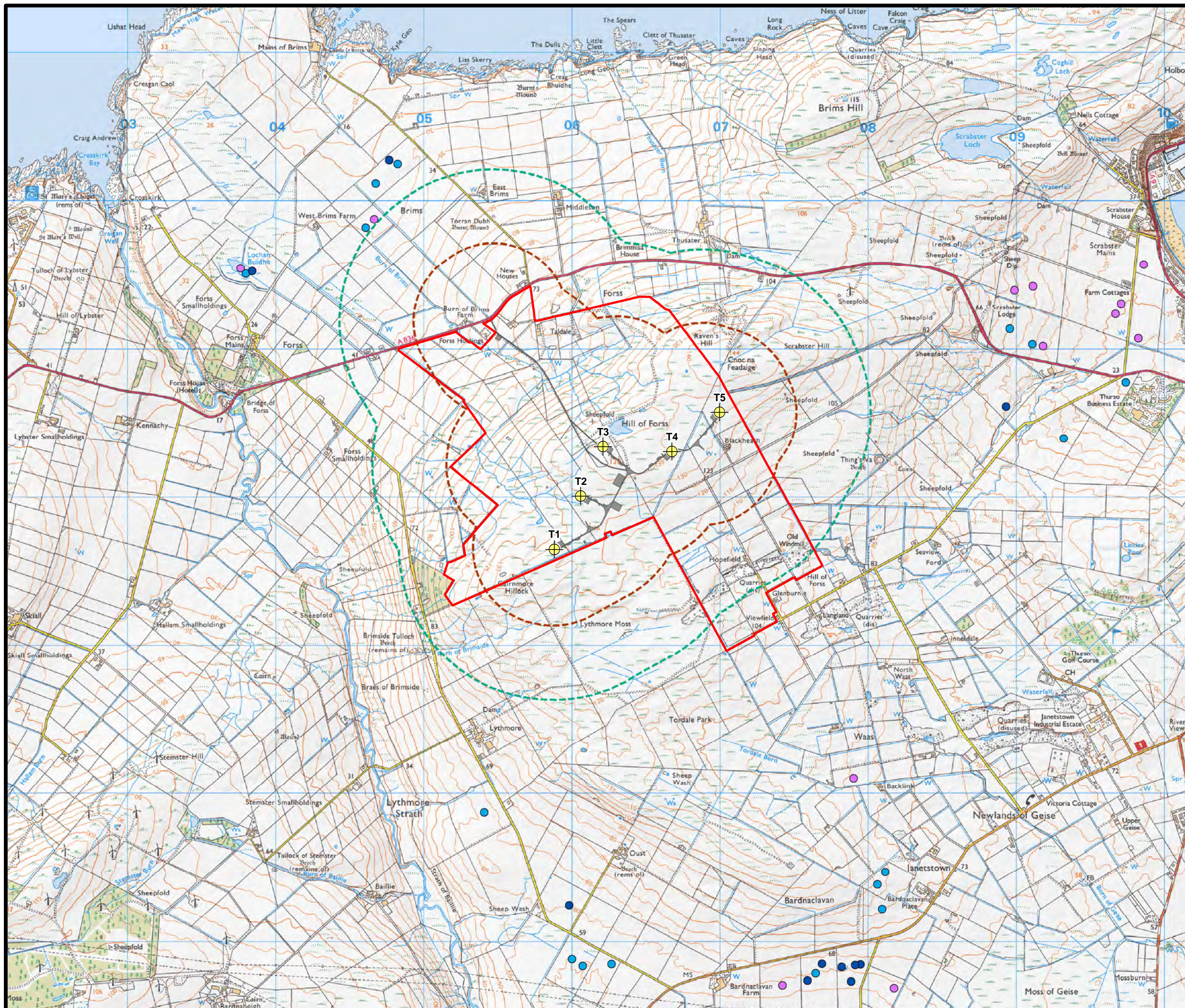
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DRAWING NUMBER: **FIGURE 8.8**

SCALE - 1:25,000 @ A3

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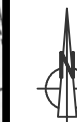
## FIGURE 8.9

### FLIGHT ACTIVITY: GREENLAND WHITE-FRONTED GOOSE

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#### KEY

- TURBINE LOCATION
- SITE BOUNDARY
- COLLISION RISK ANALYSIS AREA (CRAA)
- GREENLAND WHITE-FRONTED GOOSE FLIGHT ACTIVITY**
- NON-BREEDING SEASON 2016/2017
- NON-BREEDING SEASON 2015/2016



0 250 500 METRES

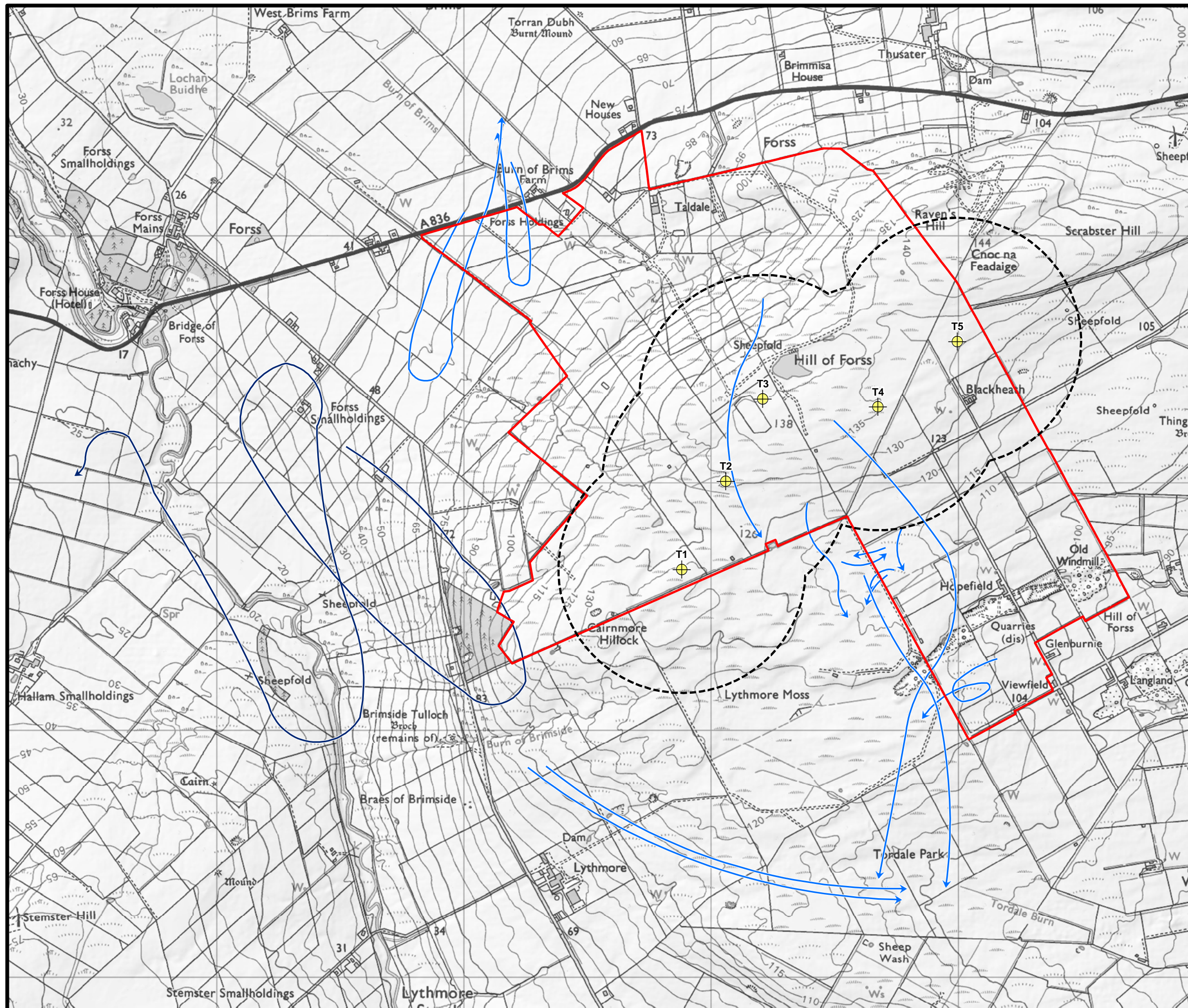
LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

## FIGURE 8.9

SCALE - 1:15,000 @ A3

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# CAIRNMORE HILL WIND FARM

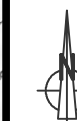
## FIGURE 8.10a

### FLIGHT ACTIVITY: GREYLAG GOOSE 2012/2013 NON-BREEDING SEASON

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#### KEY

- TURBINE LOCATION
- SITE BOUNDARY
- COLLISION RISK ANALYSIS AREA (CRAA)
- GREYLAG GOOSE FLIGHT ACTIVITY**
  - NON-BREEDING SEASON 2012/2013



0 250 500 METRES

LAYOUT DWG: N/A LAYOUT NO: PSCOhof63

DRAWING NUMBER: **FIGURE 8.10a**

SCALE - 1:17,500 @ A3

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