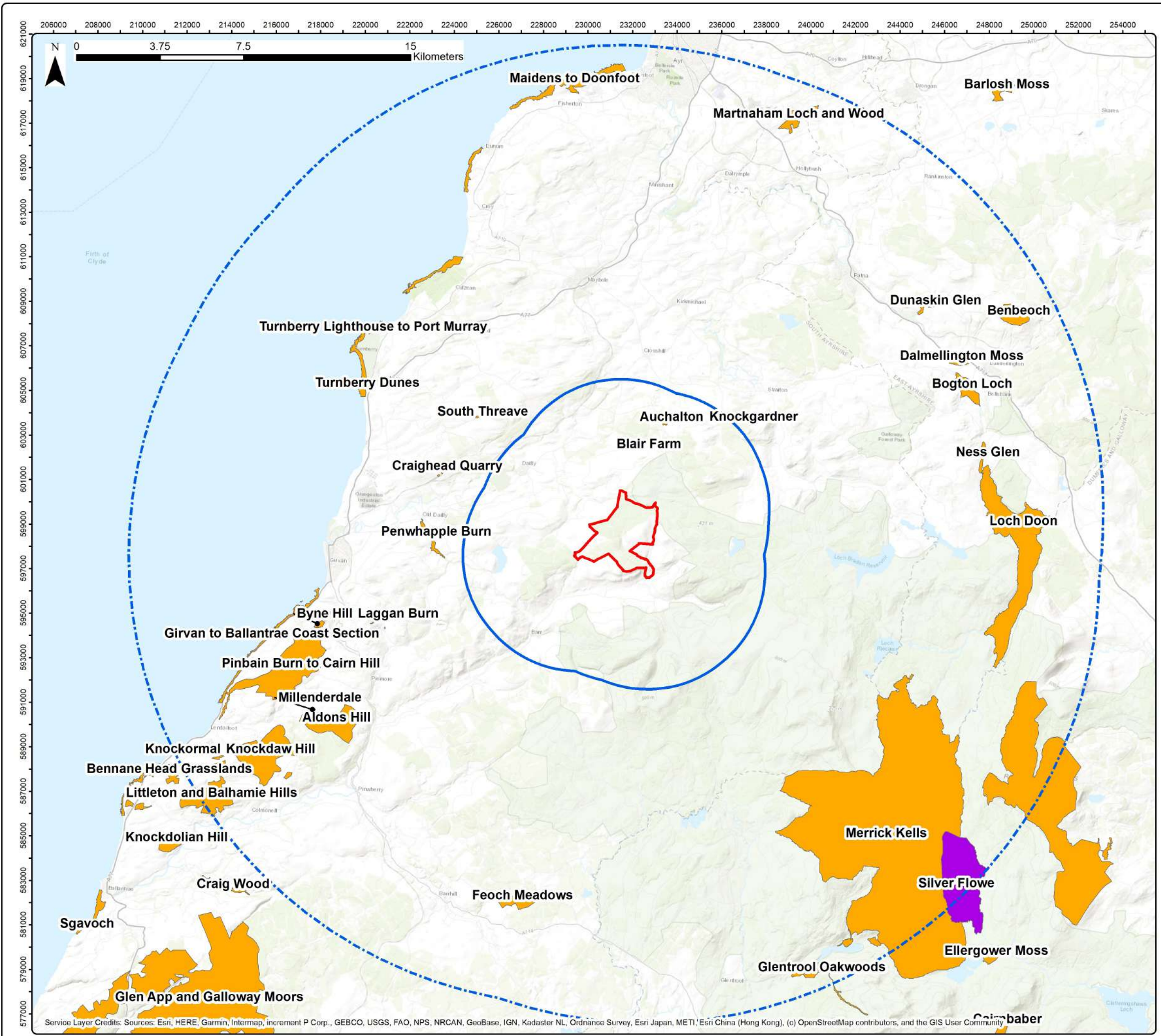




Key

- Site Boundary
- Site Boundary 5km buffer
- Site Boundary 20km buffer
- SSSI Site
- RAMSAR Site

Project:
GEL19117
Craiginmoddie Windfarm Development

Client:
Energie Kontor

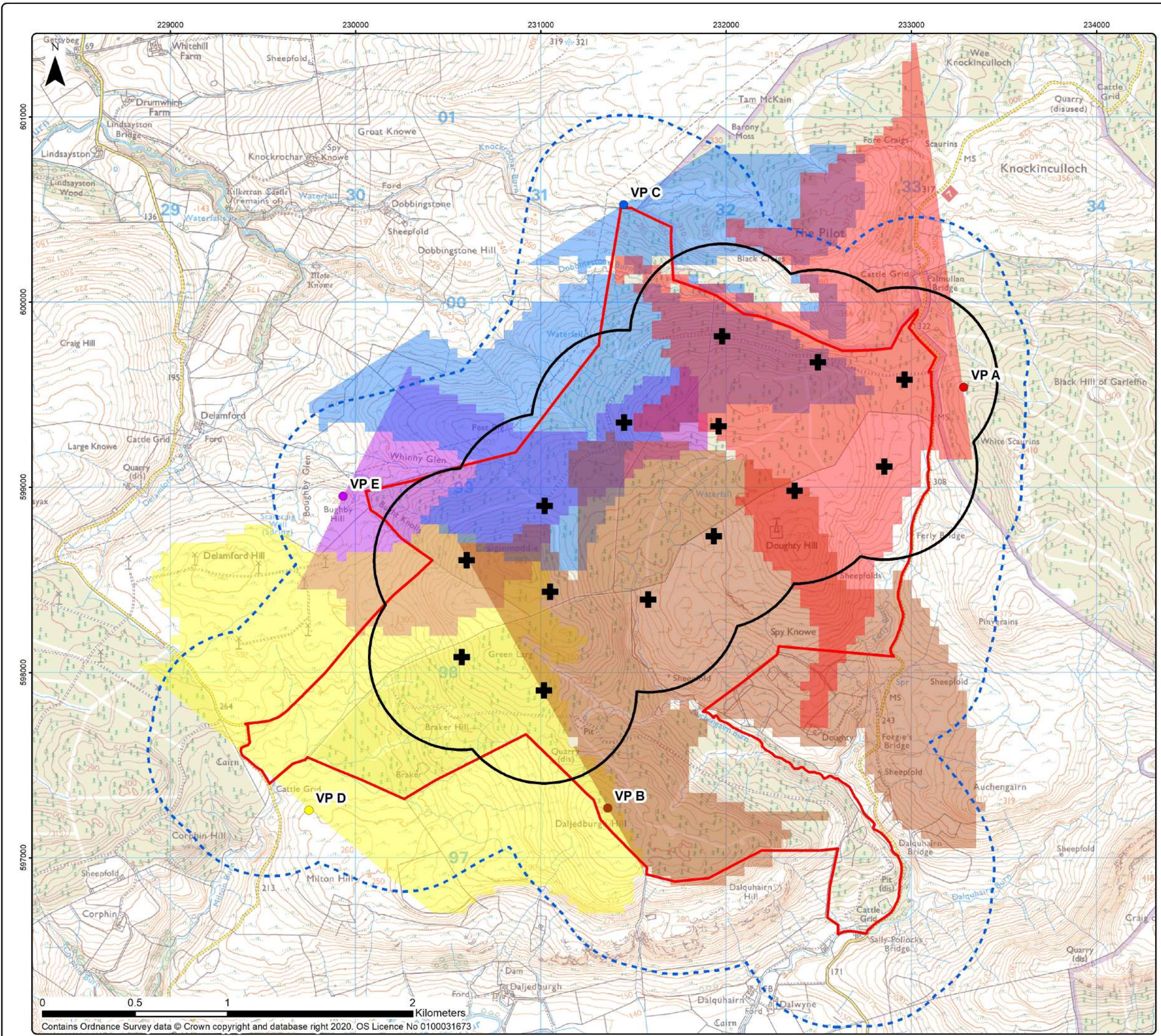
Title:
Figure 8.1:
Designated Sites within 20km of Site

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Key

- Site Boundary
- Site Boundary 500m buffer
- Collision Risk Zone

Vantage Point Locations

- VP A - NX 33284 99542
- VP B - NX 31361 97269
- VP C - NX 31447 00526
- VP D - NX 29748 97257
- VP E - NX 29933 98952

- VP A viewshed
- VP B viewshed
- VP C viewshed
- VP D viewshed
- VP E viewshed

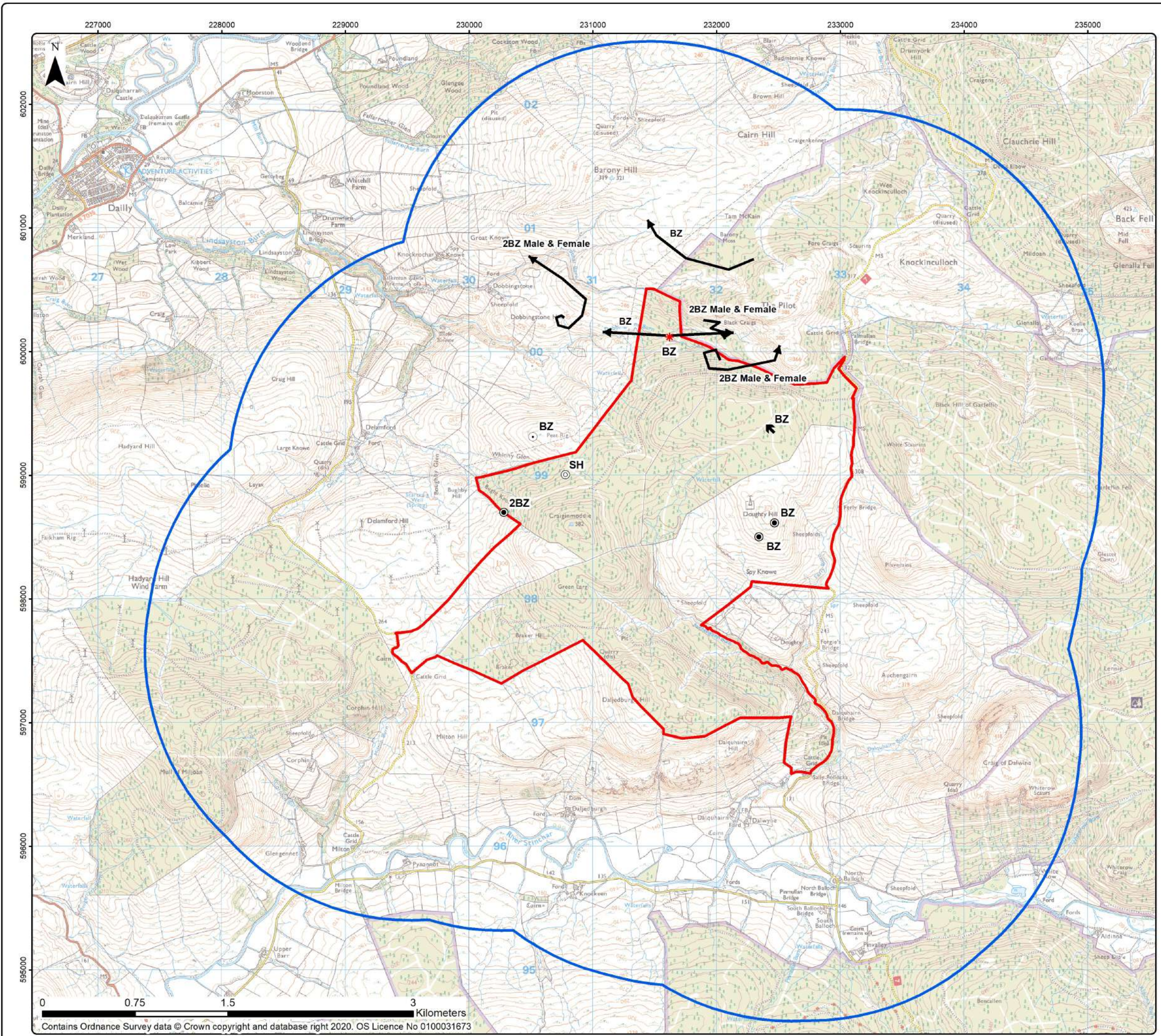
Project:
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Craiginmoddie Windfarm Development

Client:
Energie Kontor

Title:
Figure 8.2:
Vantage Point Survey Locations

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Key

- Site Boundary
- Site Boundary 2km buffer

Breeding Raptor Survey

Behaviour

- Alarming
- Calling
- Potential Nest
- Sighting
- In Flight

BZ - Common Buzzard
SH - Sparrowhawk

Project:
GEL19117
Craiginmoddie Windfarm Development

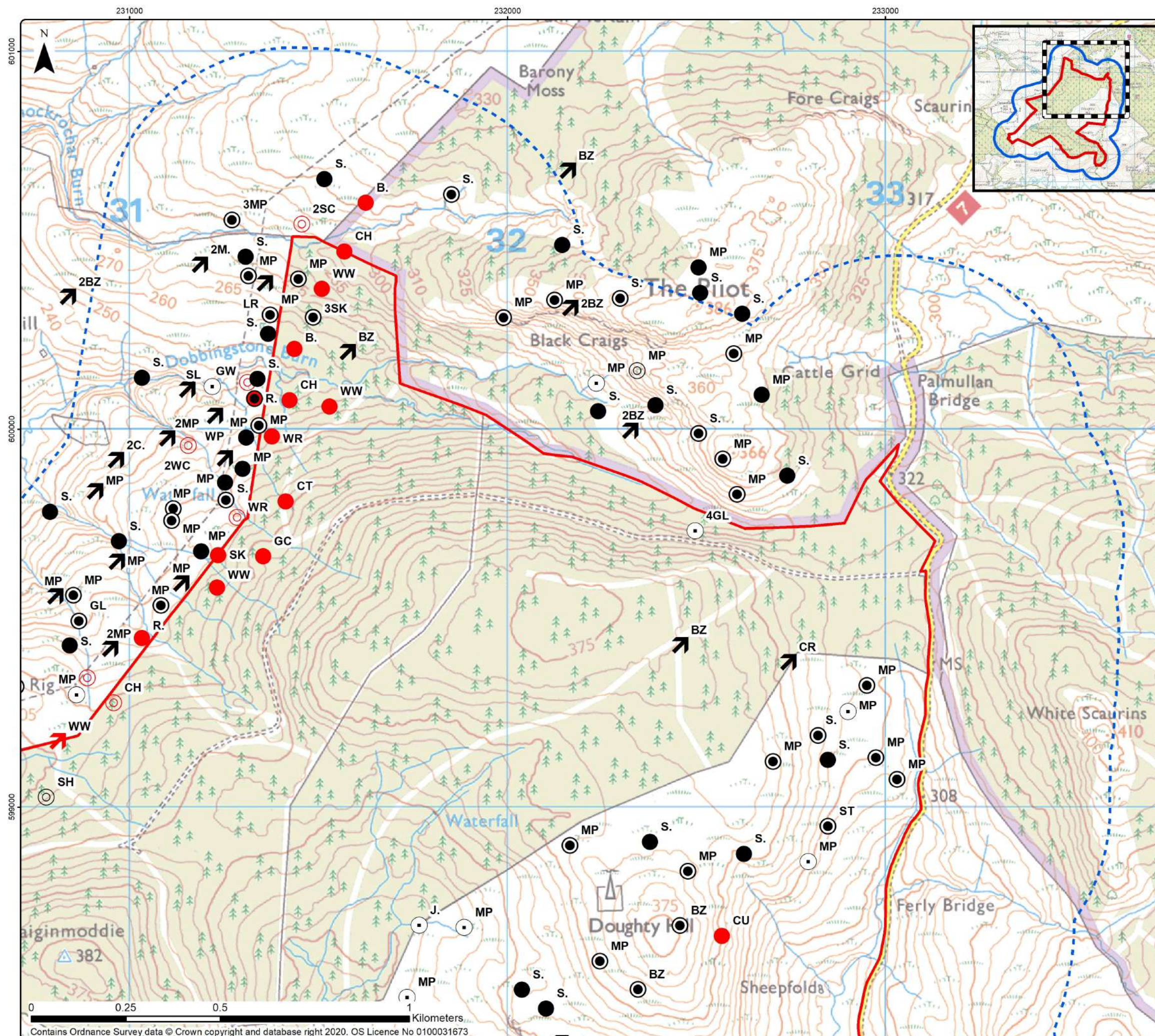
Client:
Energie Kontor

Title:
Figure 8.3:
Breeding Raptors Locations

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Key

Site Boundary

Site Boundary 500m buffer

Breeding Bird Survey

Alarming,

Alarming (territory mapped)

Calling,

Calling (territory mapped)

In flight

In flight (territory mapped)

In song

In song (territory mapped)

Sighting

Sighting (territory mapped)

B.T.O Code	Species
B.	Blackbird
BF	Bullfinch
BZ	Buzzard
C.	Carrion Crow
CH	Chaffinch
CK	Cuckoo
CR	Common Crossbill
CT	Coal Tit
CU	Curlew
GC	Goldcrest
GL	Grey Wagtail
GO	Goldfinch
GT	Great Tit
GW	Garden Warbler
H.	Grey Heron
J.	Jay
JS	Jack Snipe
LR	Lesser Redpoll
M.	Mistle Thrush
MP	Meadow Pipit
R.	Robin
RB	Reed Bunting
RN	Raven
S.	Skylark
SC	Stonechat
SH	Sparrowhawk
SK	Siskin
SL	Swallow
SN	Snipe
ST	Song Thrush
W.	Wheatear
WC	Whinchat
WP	Woodpigeon
WR	Wren
WW	Willow Warbler

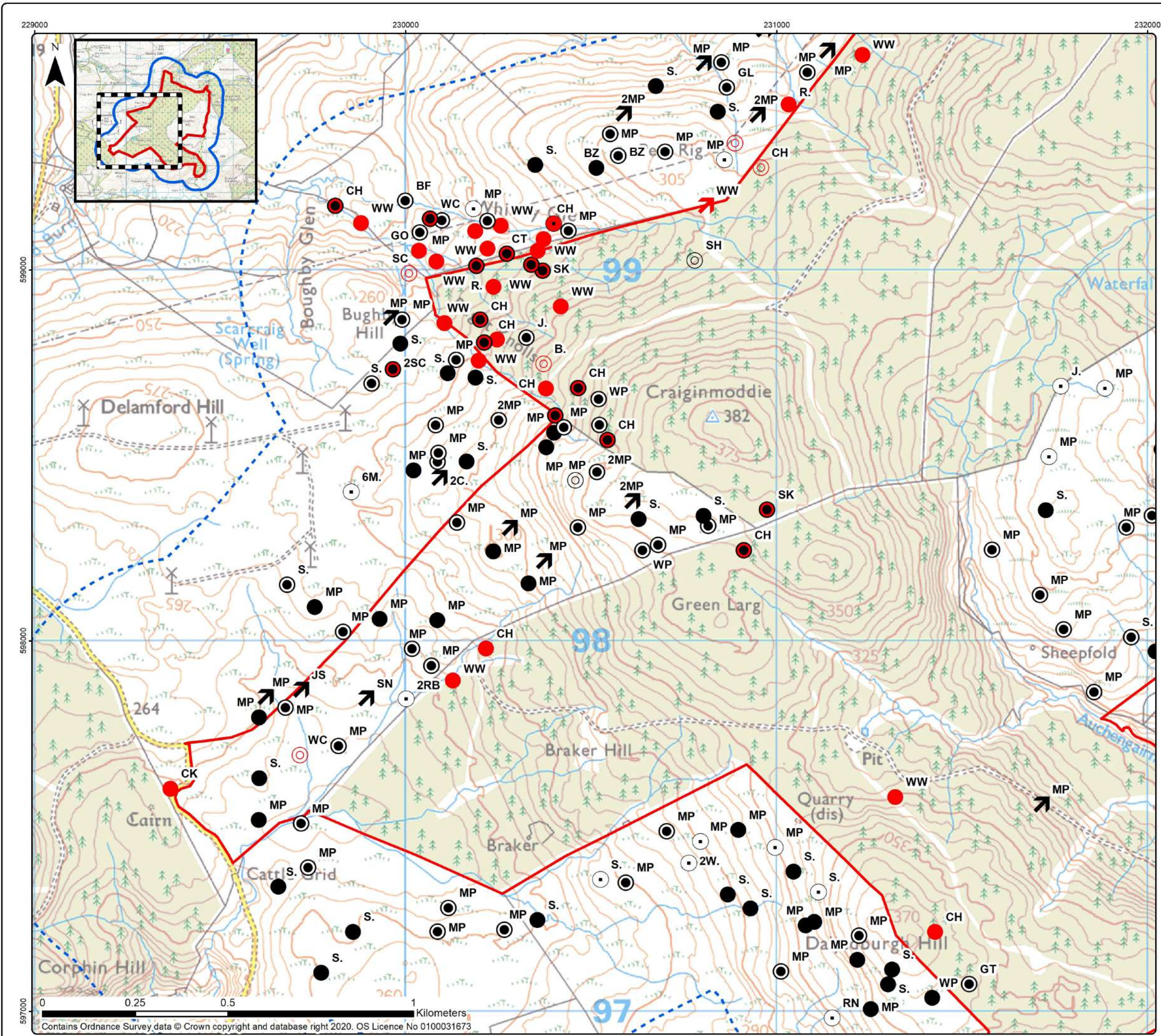
Project:
GEL19117
Craiginmoddie Windfarm Development

Client:
Energie Kontor

Title:
Figure 8.4a:
BBS Territory Mapping 2019

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Key

Site Boundary

Site Boundary 500m buffer

Breeding Bird Survey

Alarming,

Alarming (territory mapped)

Calling,

Calling (territory mapped)

In flight

In flight (territory mapped)

In song

In song (territory mapped)

Sighting

Sighting (territory mapped)

B.T.O Code	Species
B.	Blackbird
BF	Bullfinch
BZ	Buzzard
C.	Carrion Crow
CH	Chaffinch
CK	Cuckoo
CR	Common Crossbill
CT	Coal Tit
CU	Curlew
GC	Goldcrest
GL	Grey Wagtail
GO	Goldfinch
GT	Great Tit
GW	Garden Warbler
H.	Grey Heron
J.	Jay
JS	Jack Snipe
LR	Lesser Redpoll
M.	Mistle Thrush
MP	Meadow Pipit
R.	Robin
RB	Reed Bunting
RN	Raven
S.	Skylark
SC	Stonechat
SH	Sparrowhawk
SK	Siskin
SL	Swallow
SN	Snipe
ST	Song Thrush
W.	Wheatear
WC	Whinchat
WP	Woodpigeon
WR	Wren
WW	Willow Warbler

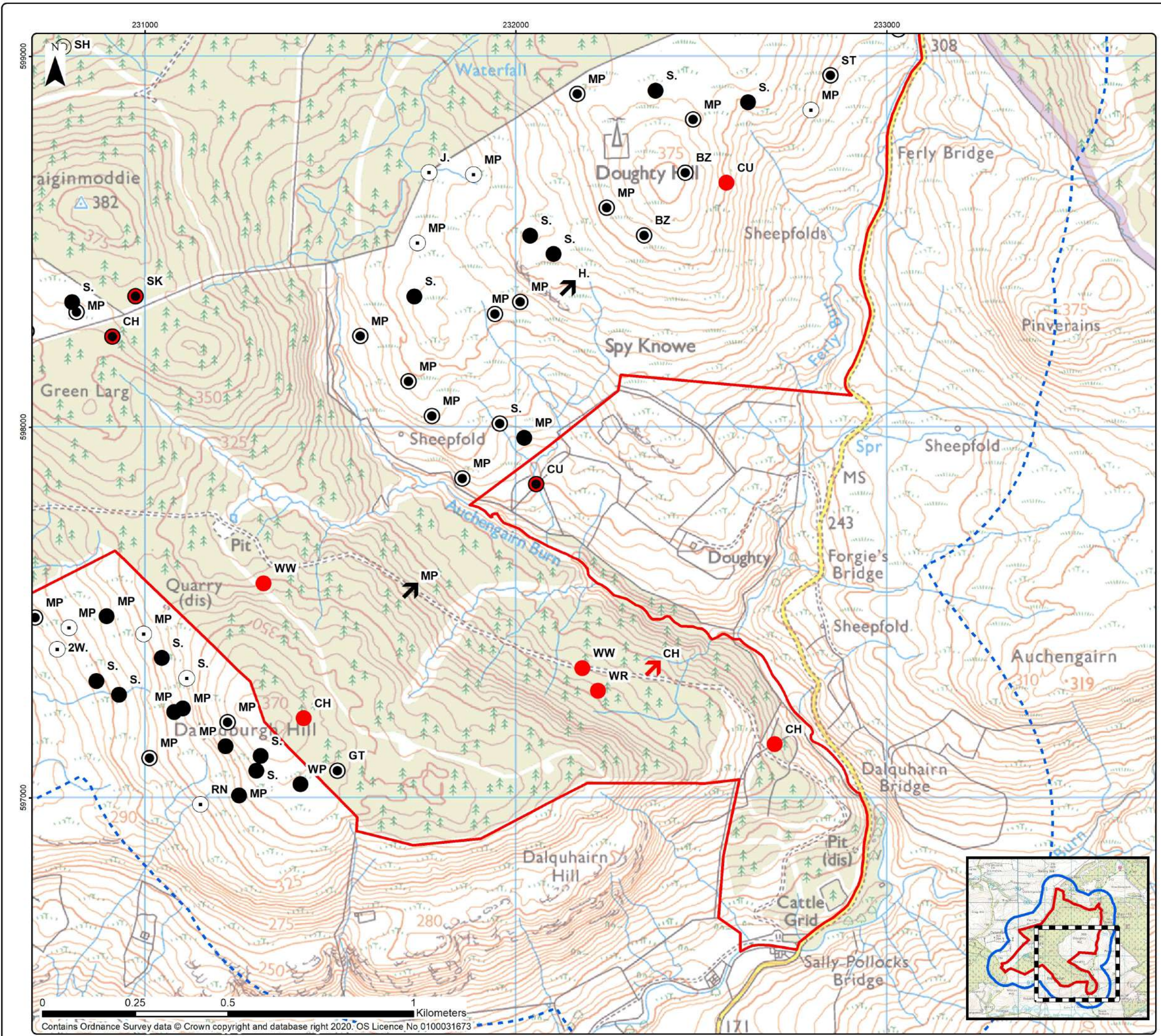
Project:
GEL19117
Craiginmoddie Windfarm Development

Client:
Energie Kontor

Title:
Figure 8.4b:
BBS Territory Mapping 2019

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Key

Site Boundary

Site Boundary 500m buffer

Breeding Bird Survey

Alarming,

Alarming (territory mapped)

Calling,

Calling (territory mapped)

In flight

In flight (territory mapped)

In song

In song (territory mapped)

Sighting

Sighting (territory mapped)

B.T.O Code	Species
B.	Blackbird
BF	Bullfinch
BZ	Buzzard
C.	Carrion Crow
CH	Chaffinch
CK	Cuckoo
CR	Common Crossbill
CT	Coal Tit
CU	Curlew
GC	Goldcrest
GL	Grey Wagtail
GO	Goldfinch
GT	Great Tit
GW	Garden Warbler
H.	Grey Heron
J.	Jay
JS	Jack Snipe
LR	Lesser Redpoll
M.	Mistle Thrush
MP	Meadow Pipit
R.	Robin
RB	Reed Bunting
RN	Raven
S.	Skylark
SC	Stonechat
SH	Sparrowhawk
SK	Siskin
SL	Swallow
SN	Snipe
ST	Song Thrush
W.	Wheatear
WC	Whinchat
WP	Woodpigeon
WR	Wren
WW	Willow Warbler

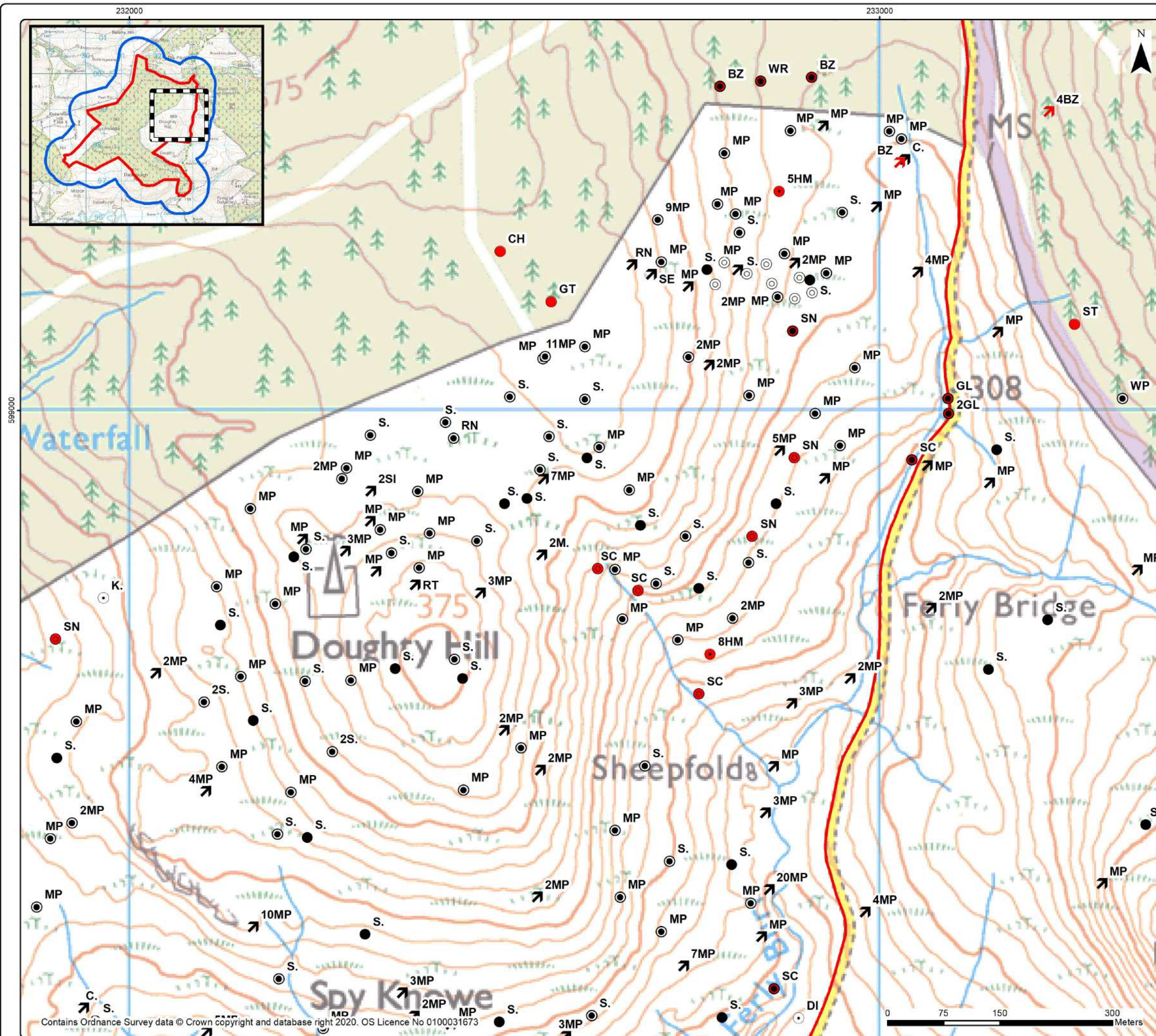
Project:
GEL19117
Craiginmoddie Windfarm Development

Client:
Energie Kontor

Title:
Figure 8.4c:
BBS Territory Mapping 2019

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Key

- Site Boundary
- Site Boundary 500m buffer

Breeding Bird Survey 2020

- Alarming
- Alarming - Territory mapped
- Calling
- Calling - Territory mapped
- In flight
- In flight - Territory mapped
- In song
- In song - Territory mapped
- Sighting
- Sighting - Territory mapped

BTO Code	Species
BZ	Buzzard
C.	Carrian Crow
CH	Chaffinch
CK	Cuckoo
DI	Dipper
GT	Great Tit
GL	Grey Wagtail
HM	House Martin
K.	Kestrel
MP	Meadow Pipit
ML	Merlin
M.	Mistle Thrush
RN	Raven
RT	Redstart
SE	Short-eared Owl
S.	Skylark
SN	Snipe
ST	Song Thrush
SC	Stonechat
SI	Swift
WW	Willow Warbler
WP	Woodpigeon
WR	Wren

Project:
GEL19117
Craiginmoddie Windfarm Development

Client:

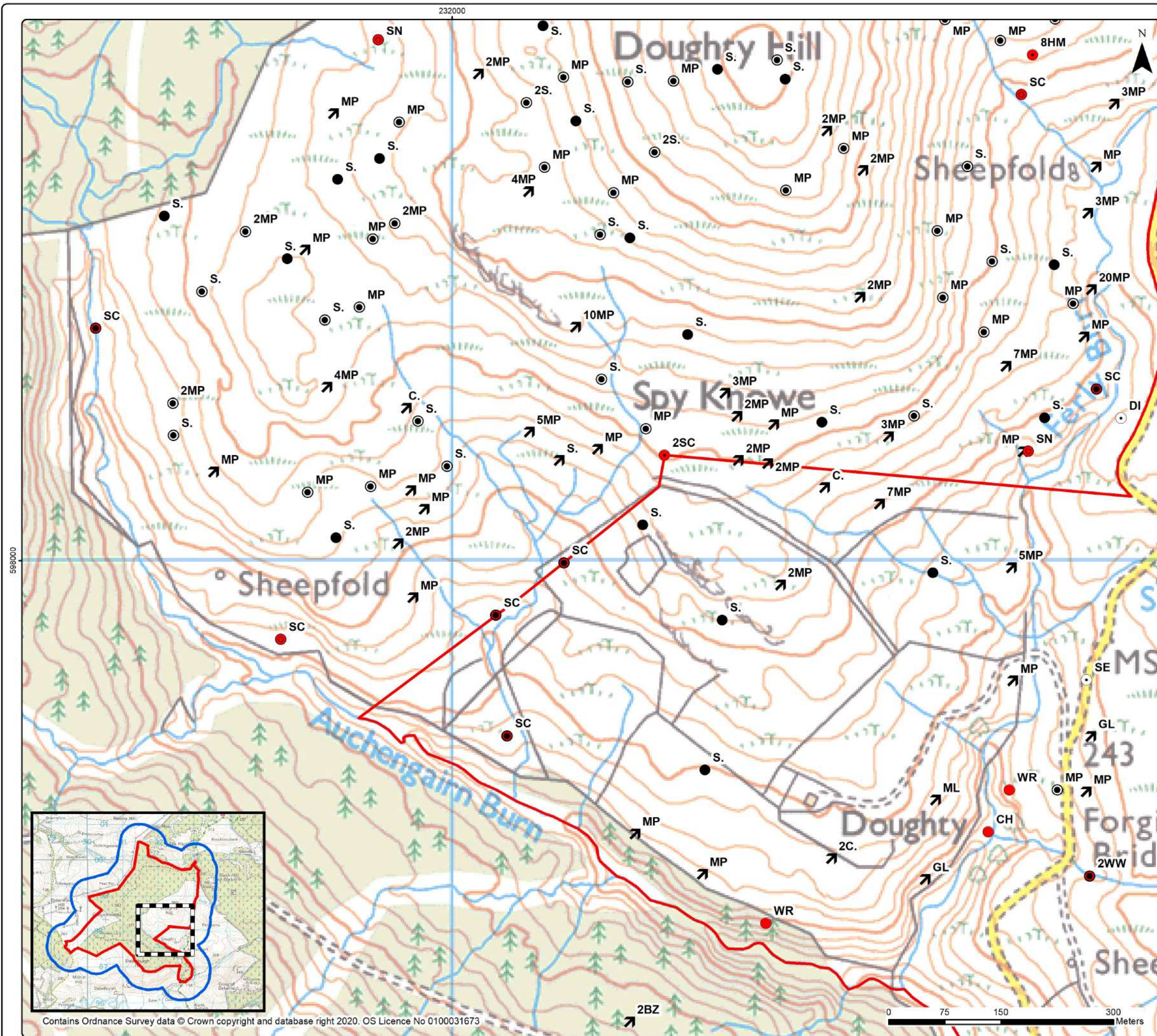
Energie Kontor

Title:
Figure 8.5a
BBS Territory Mapping 2020

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Key

Site Boundary

Site Boundary 500m buffer

Breeding Bird Survey 2020

Alarming

Alarming - Territory mapped

Calling

Calling - Territory mapped

In flight

In flight - Territory mapped

In song

In song - Territory mapped

Sighting

Sighting - Territory mapped

BTO Code	Species
BZ	Buzzard
C.	Carrion Crow
CH	Chaffinch
CK	Cuckoo
DI	Dipper
GT	Great Tit
GL	Grey Wagtail
HM	House Martin
K.	Kestrel
MP	Meadow Pipit
ML	Merlin
M.	Mistle Thrush
RN	Raven
RT	Redstart
SE	Short-eared Owl
S.	Skylark
SN	Snipe
ST	Song Thrush
SC	Stonechat
SI	Swift
WW	Willow Warbler
WP	Woodpigeon
WR	Wren

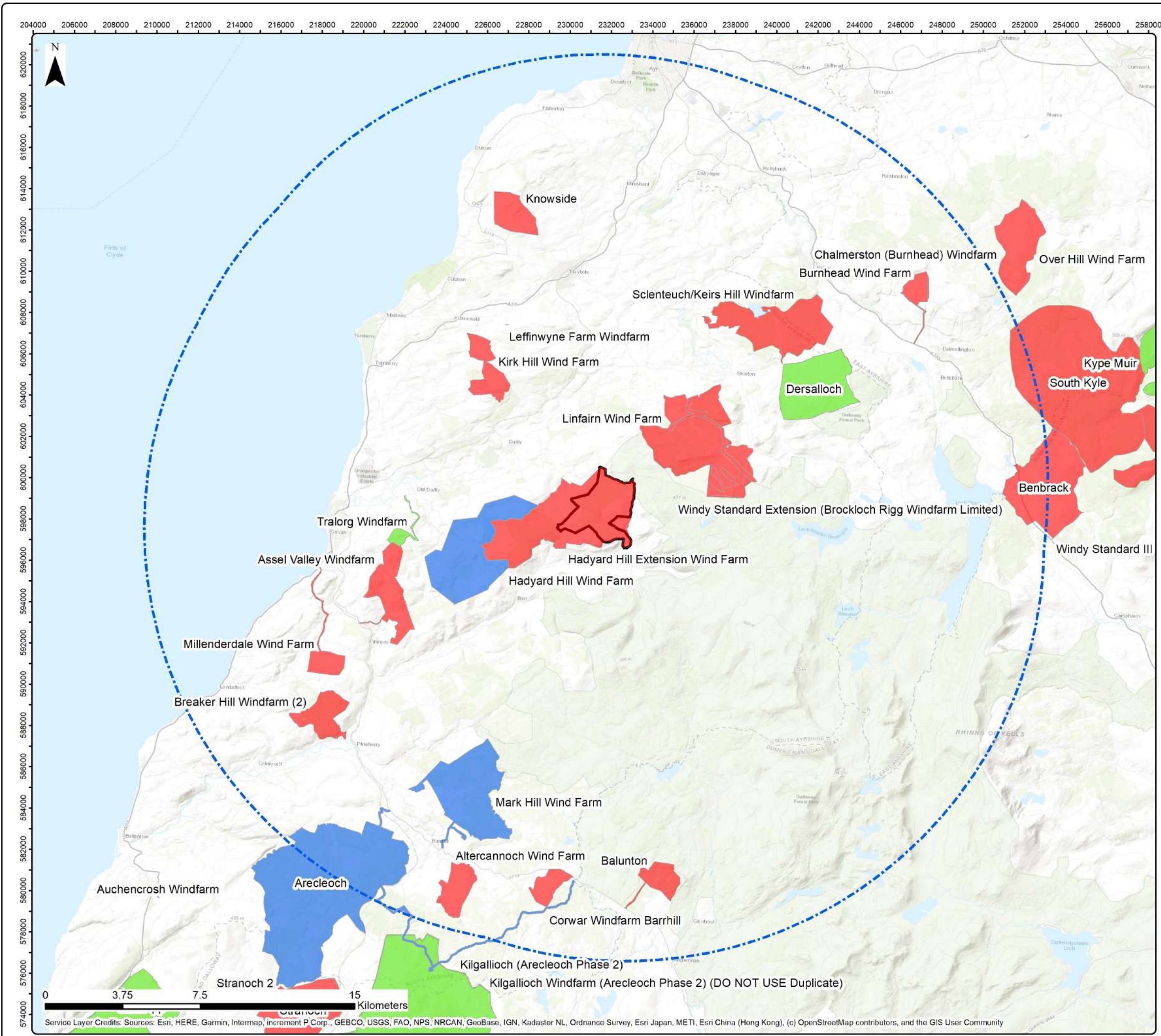
Project:
GEL19117
Craiginmoddie Windfarm Development

Client:
Energie Kontor

Title:
Figure 8.5b
BBS Territory Mapping 2020

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Key

Site Boundary

Site Boundary 20km buffer

Windfarm Development (as of 05/07/2019)

Status

Installed

Approved

Application

Project:
GEL19117
Craiginmoddie Windfarm Development

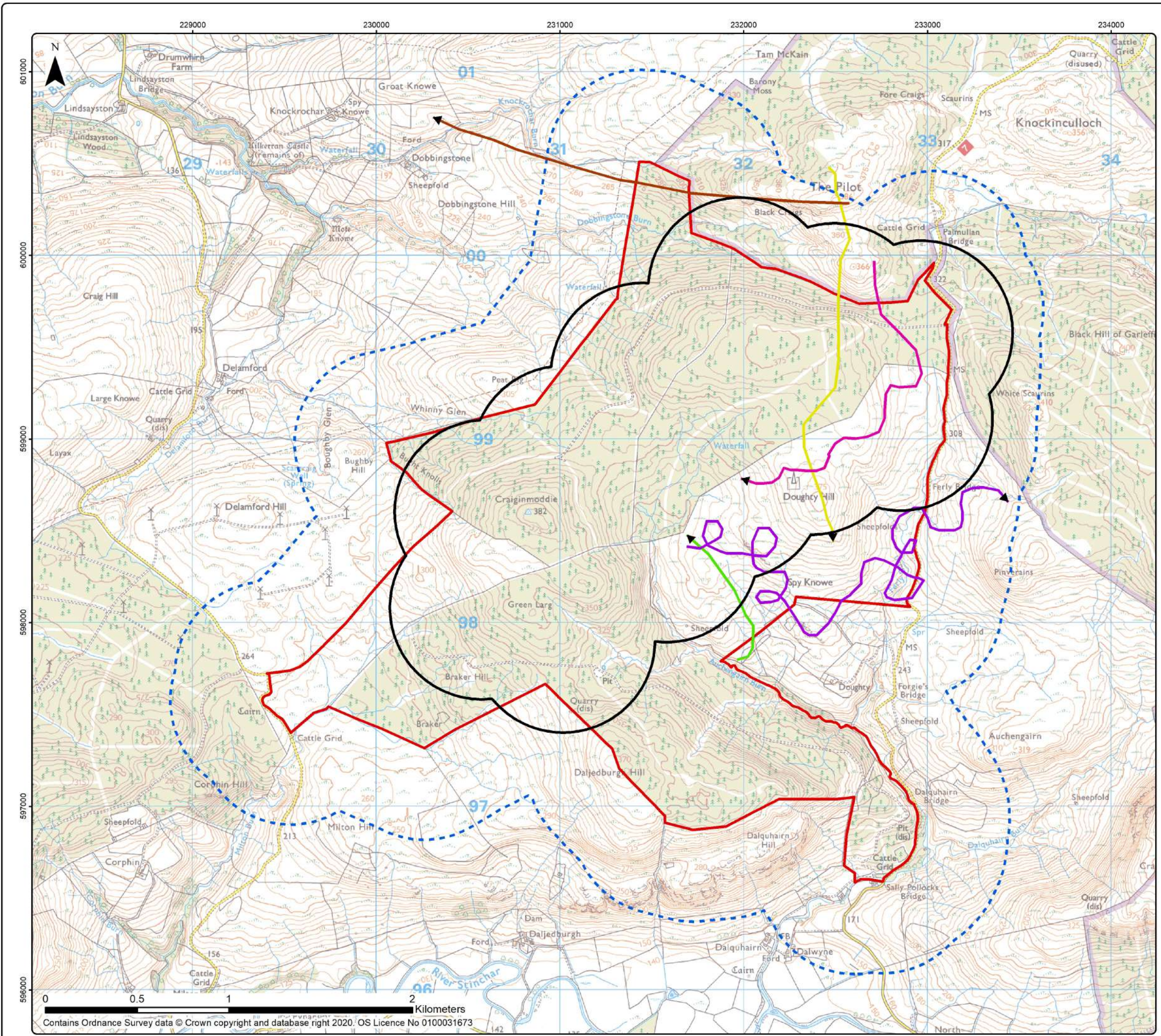
Client:
Energie Kontor

Title:
Figure 8.6:
Windfarm Projects within 20km

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Key

- Site Boundary
- Site Boundary 500m buffer
- Collision Risk Zone

Merlin Species Flightlines

- 15/11/2018
- 04/02/2019 (1)
- 04/02/2019 (2)
- 23/09/2019
- 24/09/2019

Project:
GEL19117
Craiginmoddie Windfarm Development

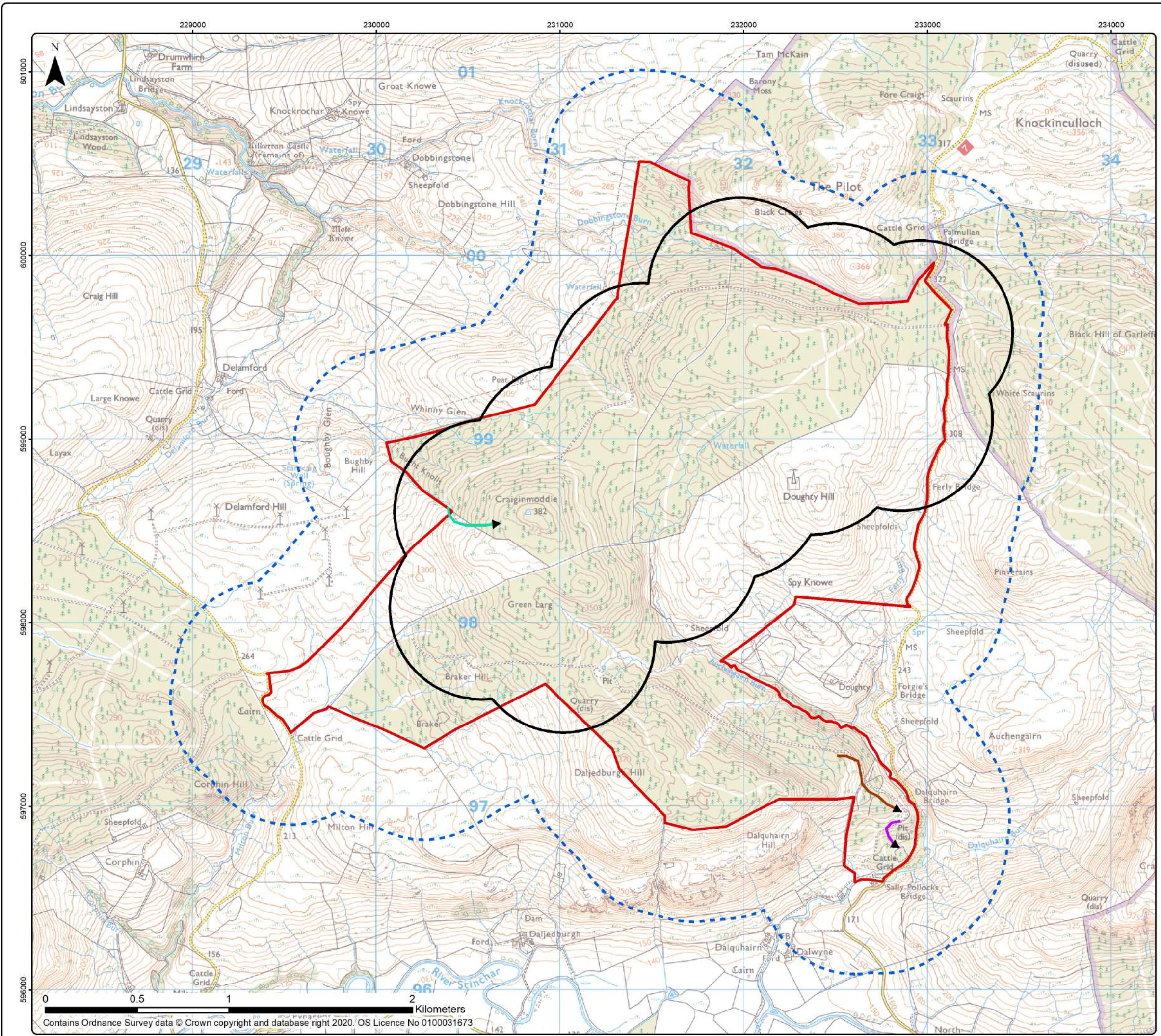
Client:
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Title:
Figure 8.7a:
Merlin Species Flightlines

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Key

- Site Boundary
- Site Boundary 500m buffer
- Collision Risk Zone

Woodcock Species Flightlines

- 15/11/2018 (1)
- 15/11/2018 (2)
- 23/01/2019

Project:
**GEL19117
Craiginmoddie Windfarm Development**

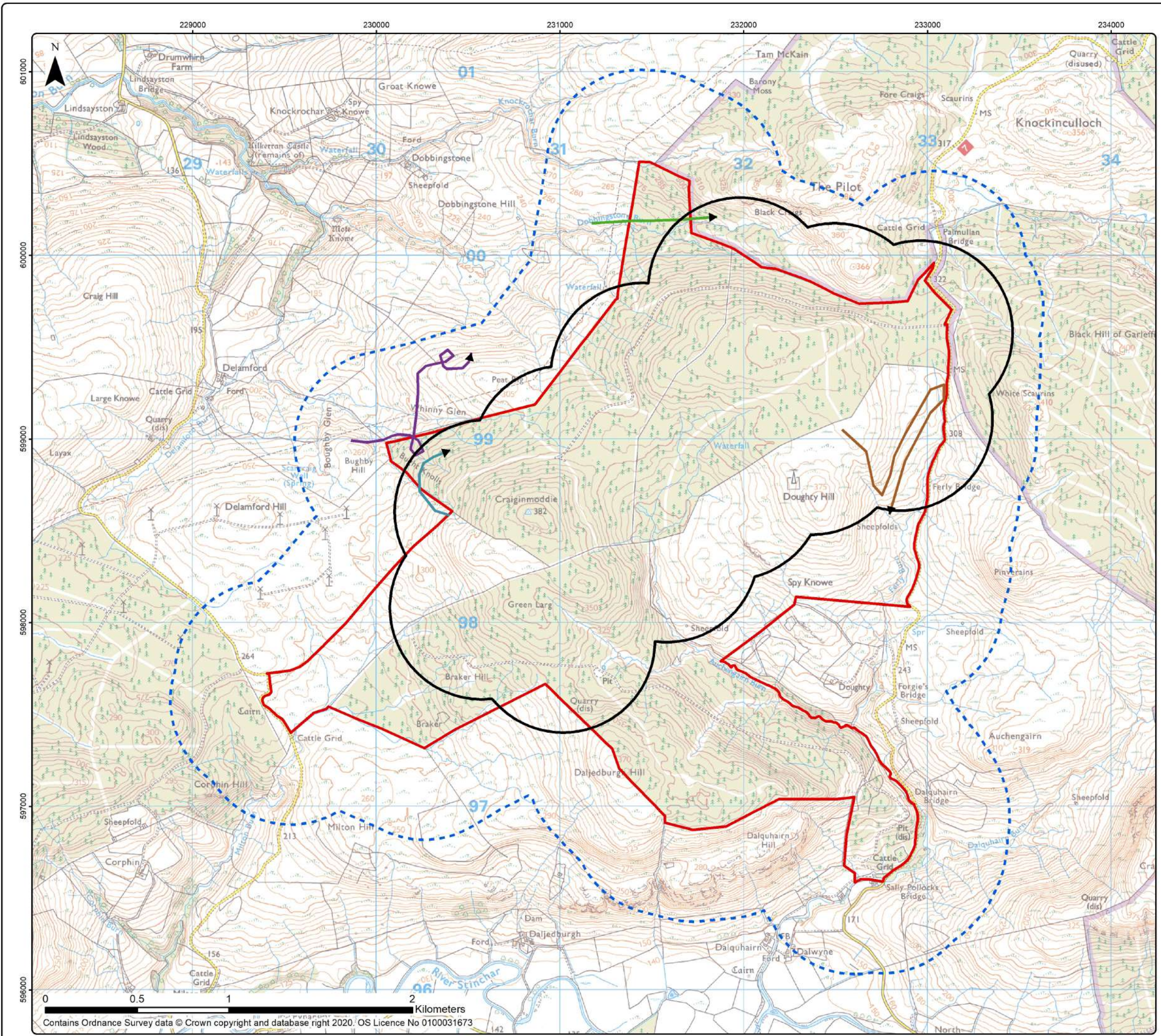
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Energie Kontor

Title:
**Figure 8.7b:
Woodcock Species Flightlines**

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Key

- Site Boundary
- Site Boundary 500m buffer
- Collision Risk Zone

Hen Harrier Species Flightlines

- 04/02/2019
- 21/03/2019
- 29/04/2019
- 26/08/2019

Project:
GEL19117
Craiginmoddie Windfarm Development

Client:
Energie Kontor

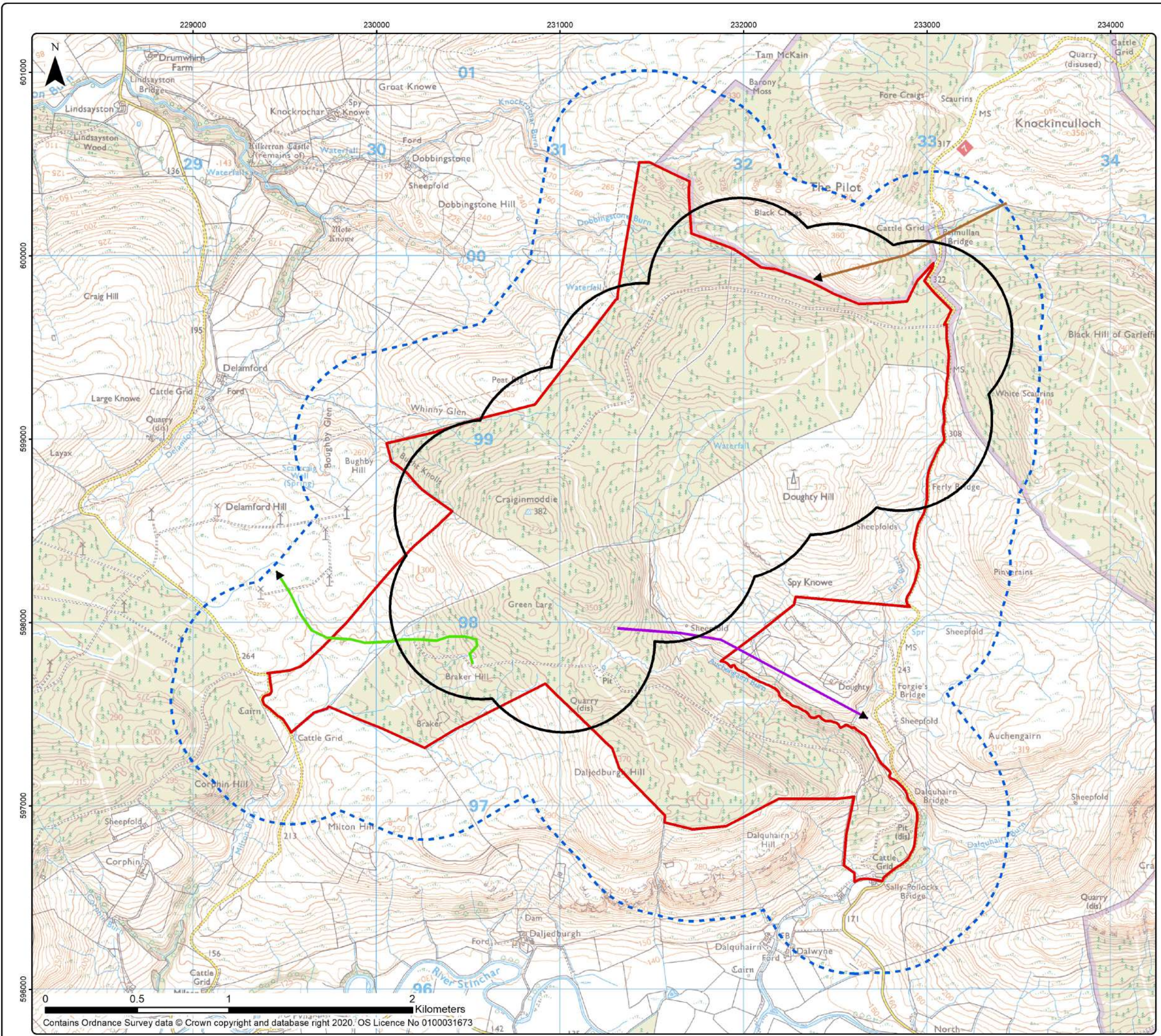
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Figure 8.7c:
Hen Harrier Species Flightlines

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Key

- Site Boundary
- Site Boundary 500m buffer
- Collision Risk Zone

Peregrine Species Flightlines

- 10/06/2019
- 26/08/2019
- 22/10/2019

Project:
GEL19117
Craiginmoddie Windfarm Development

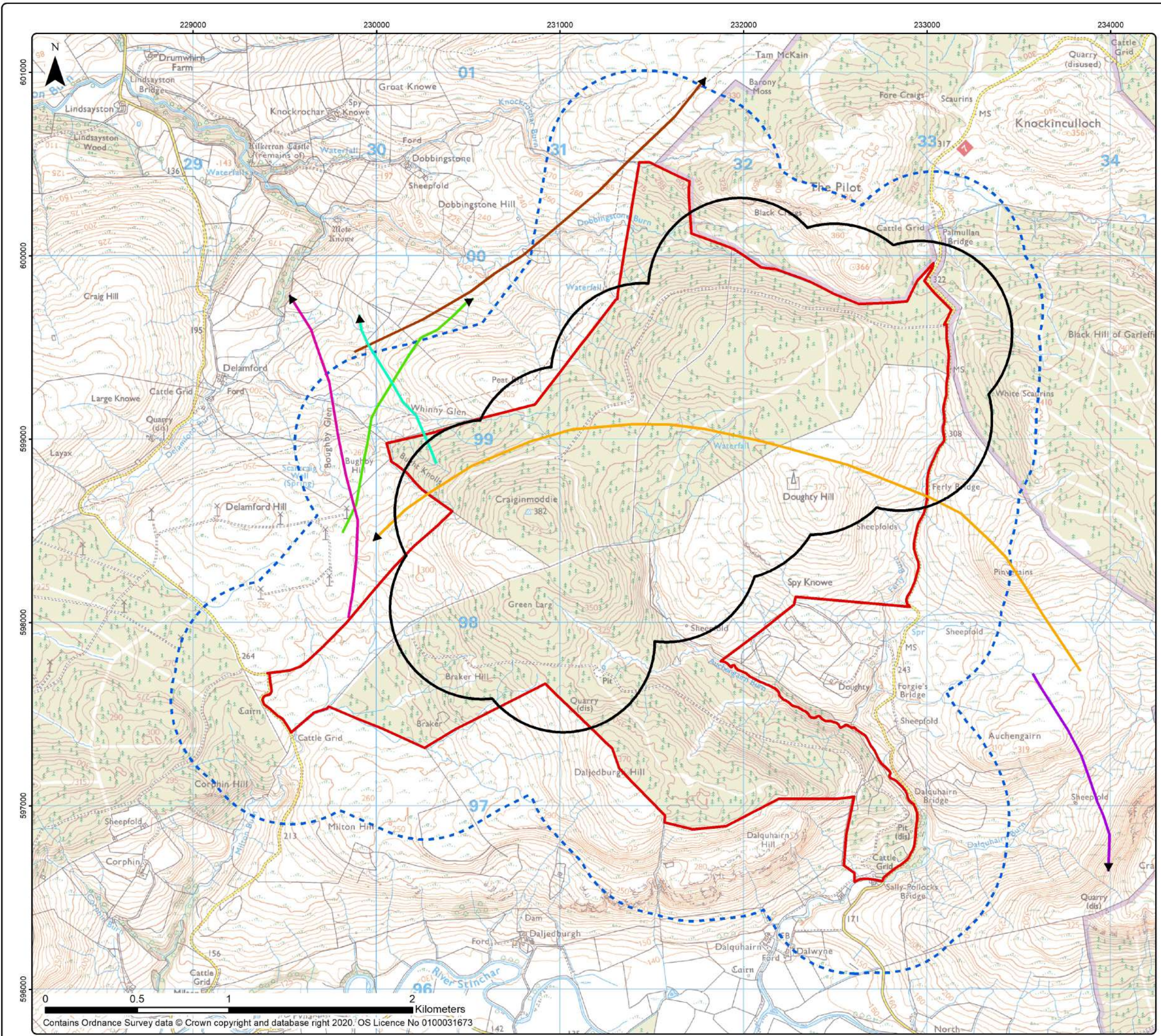
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Energie Kontor

Title:
Figure 8.7d:
Peregrine Species Flightlines

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Key

- Site Boundary
- Site Boundary 500m buffer
- Collision Risk Zone

Pink-footed Goose Species Flightlines

- 21/03/2019 (1)
- 21/03/2019 (2)
- 21/03/2019 (3)
- 21/03/2019 (4)
- 21/03/2019 (5)
- 21/03/2019 (6)

Project:
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Craiginmoddie Windfarm Development

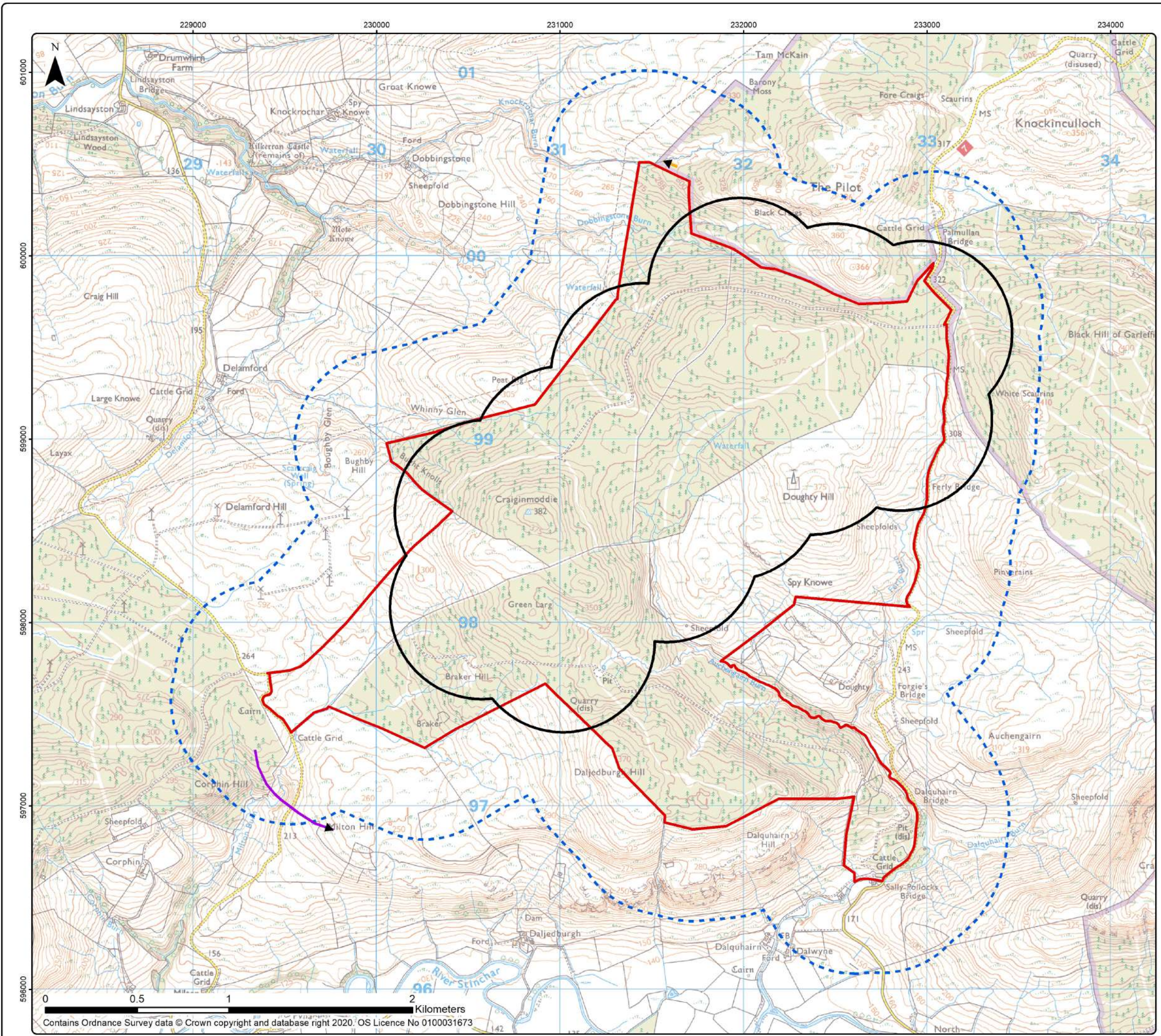
Client:
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Title:
Figure 8.7e:
Pink-footed Goose Species Flightlines

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Key

- Site Boundary
- Site Boundary 500m buffer
- Collision Risk Zone

Snipe Species Flightlines

- 21/03/2019 (1)
- 21/03/2019 (2)

Project:
**GEL19117
Craiginmoddie Windfarm Development**

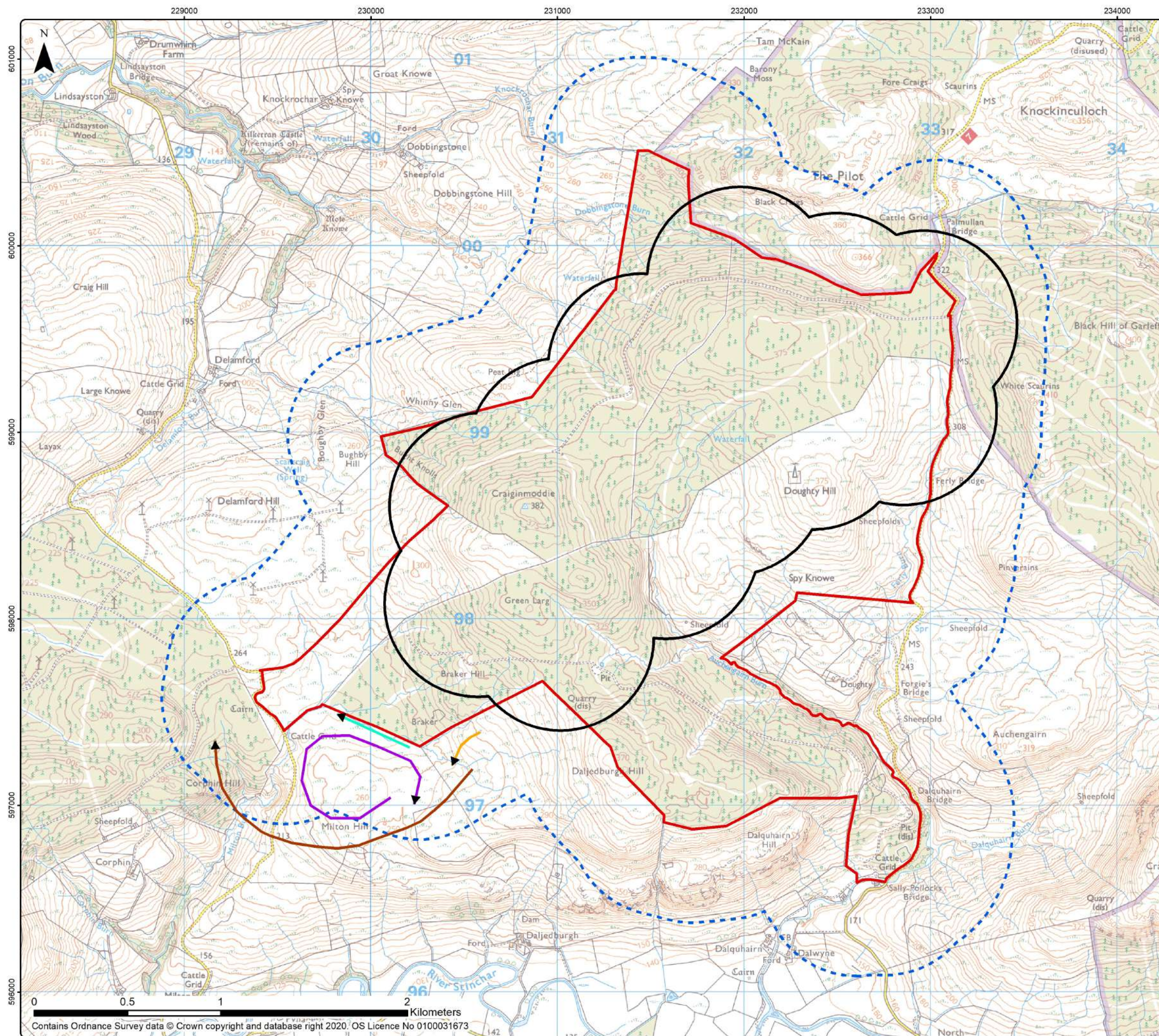
Client:
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Title:
**Figure 8.7f:
Snipe Species Flightlines**

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Key

- Site Boundary
- Site Boundary 500m buffer
- Collision Risk Zone

Curlew Species Flightlines

- 21/03/2019 (1)
- 21/03/2019 (2)
- 21/03/2019 (3)
- 11/06/2019

Project:
GEL19117
Craiginmoddie Windfarm Development

Client:

Energie Kontor

Title:

Figure 8.7g:
Curlew Species Flightlines

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