

Corriegarth 2 Wind Farm

Environmental Impact Assessment Report

Volume 2a - Figures

January 2021



CORRIEGARTH 2 WIND FARM

EIA Report – Volume 2a – Figures Excluding LVIA

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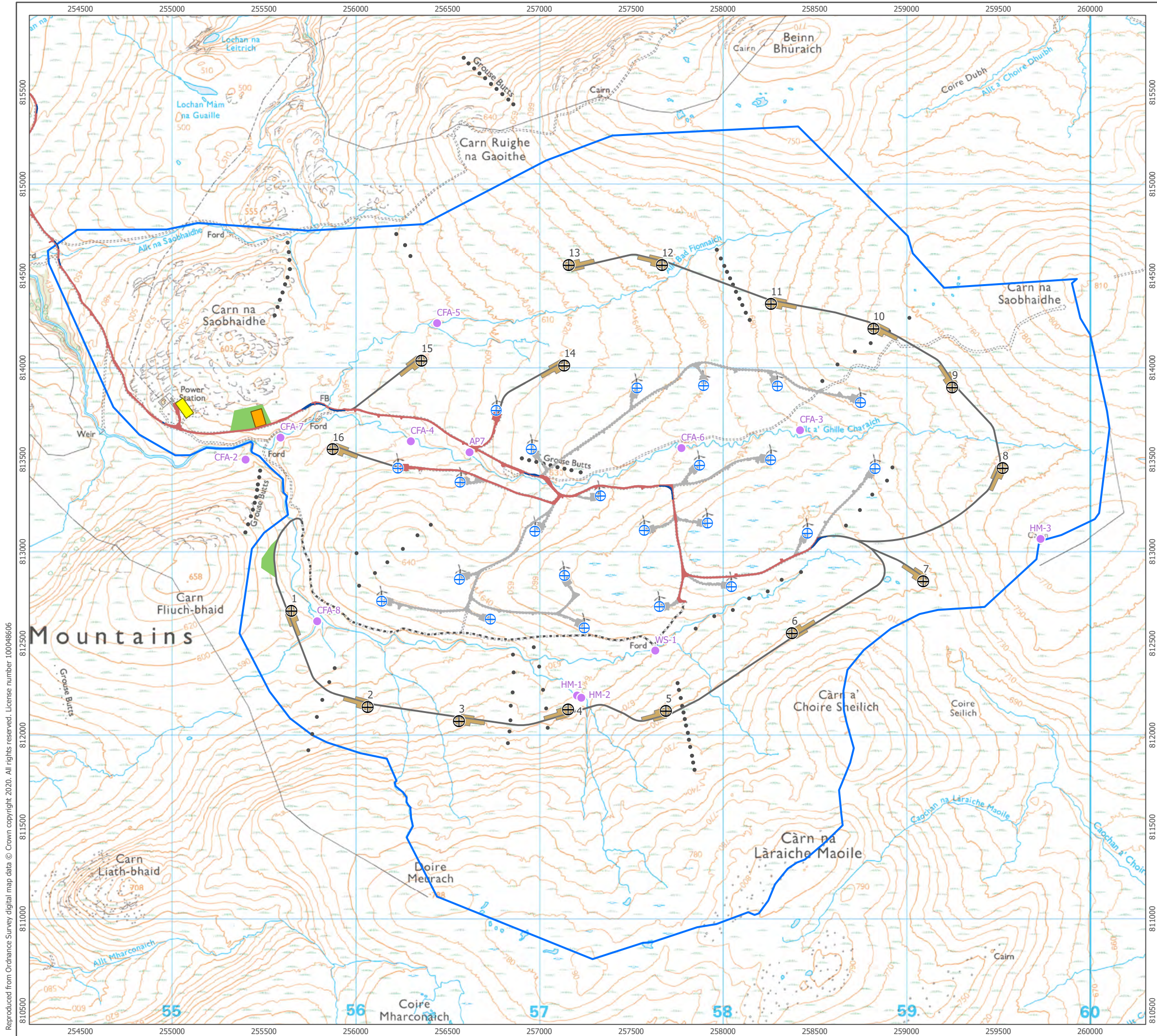
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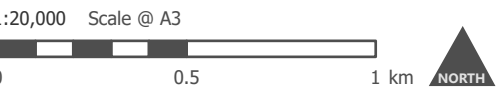
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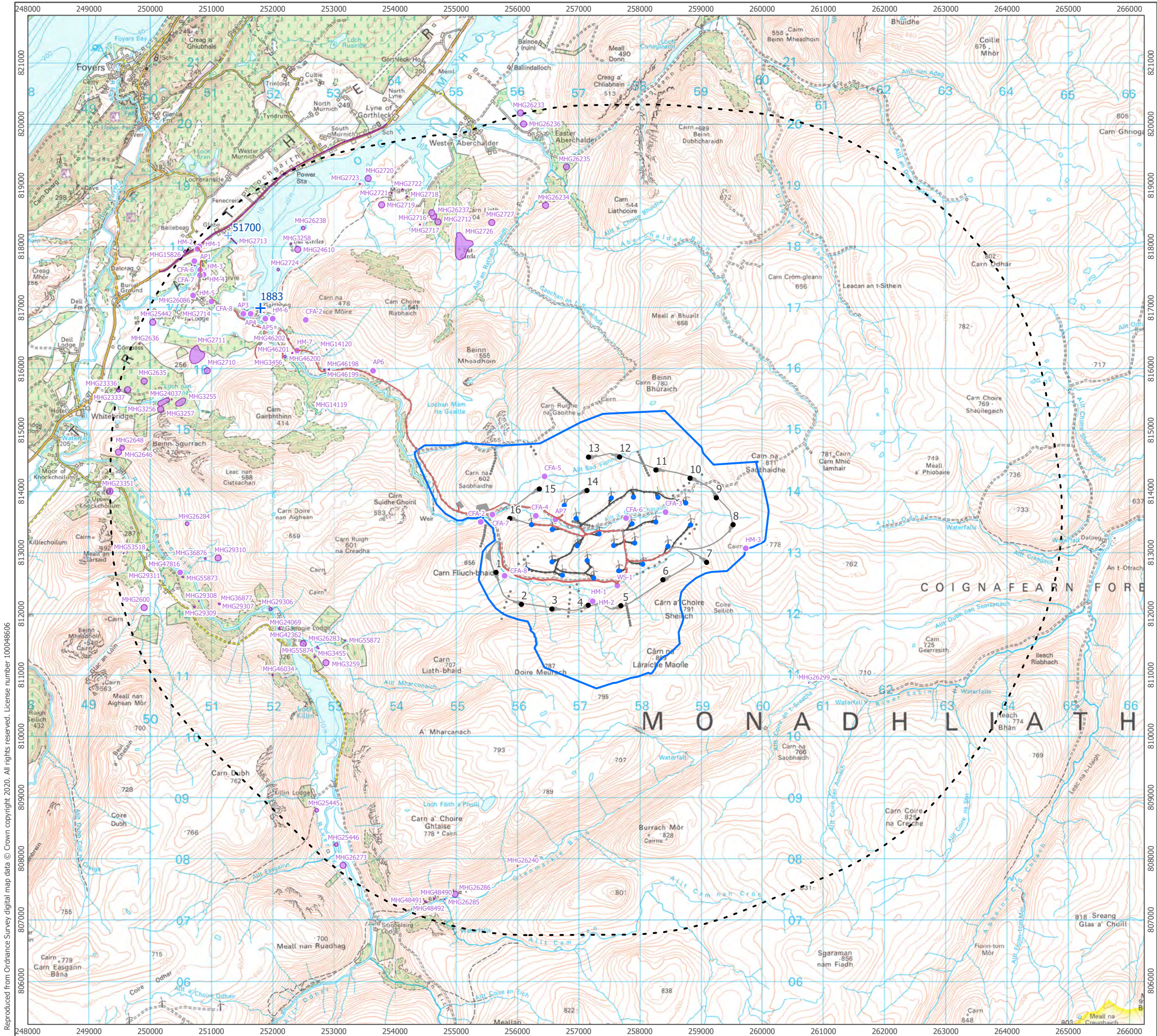
-  Cultural Heritage Study Area
-  Proposed Turbine Location
-  Operational Corriegarth Wind Turbines
-  Existing Track (Use restricted to construction phase for access to borrow pit only)
-  Borrow Pit Extents
-  Construction Compound
-  Crane Hardstanding
-  Existing Tracks to be Utilised
-  Existing Wind Farm Tracks
-  Laydown Area
-  Proposed Access Tracks
-  Substation Compound
-  Track Widening Area
-  Non-Designated Heritage Feature
-  Grouse Butts (approximate location)



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**Heritage Assets within
Core Study Area**
Figure 9.1

**Corriegarth 2 Wind Farm
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- Core Study Area
- 5 km Study Area
- Proposed Turbine Location
- Operational Corriegarth Wind Turbines
- B Listed Building
- C Listed Building
- Proposed Infrastructure
- Existing Tracks to be Utilised
- Existing Wind Farm Tracks
- Non-Designated Heritage Feature
- Grouse Butt Location (approximate location)

1:60,000 Scale @ A3
0 1 2 km
NORTH

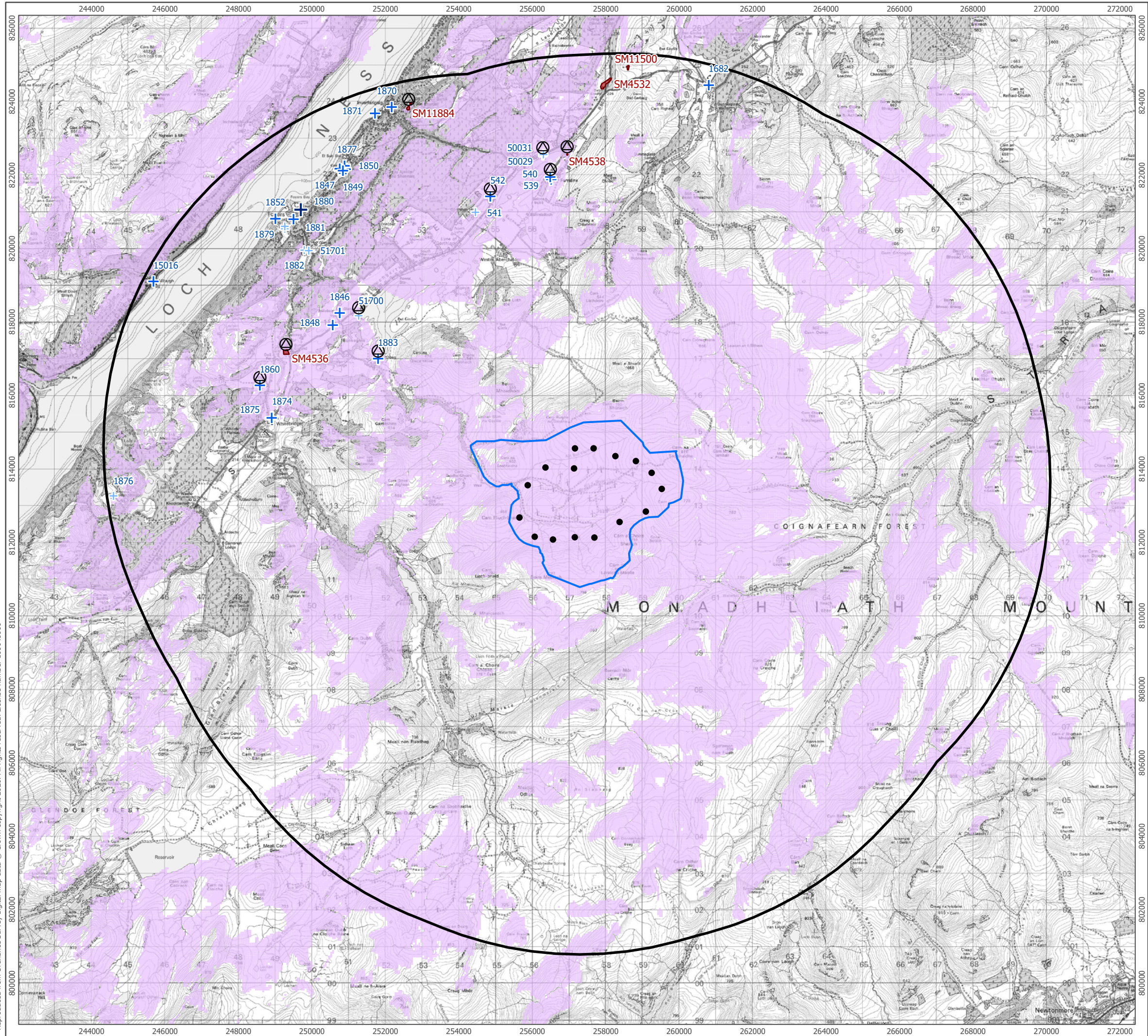
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Heritage Assets within 5 km Study

Figure 9.2

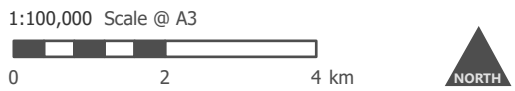
Corriegarth 2 Wind Farm

EIA Report



- Core Study Area
- 10 km Study Area
- Proposed Turbine Location
- A Listed Building
- B Listed Building
- C Listed Building
- Scheduled Monuments selection
- Zone of Theoretical Visibility (ZTV)

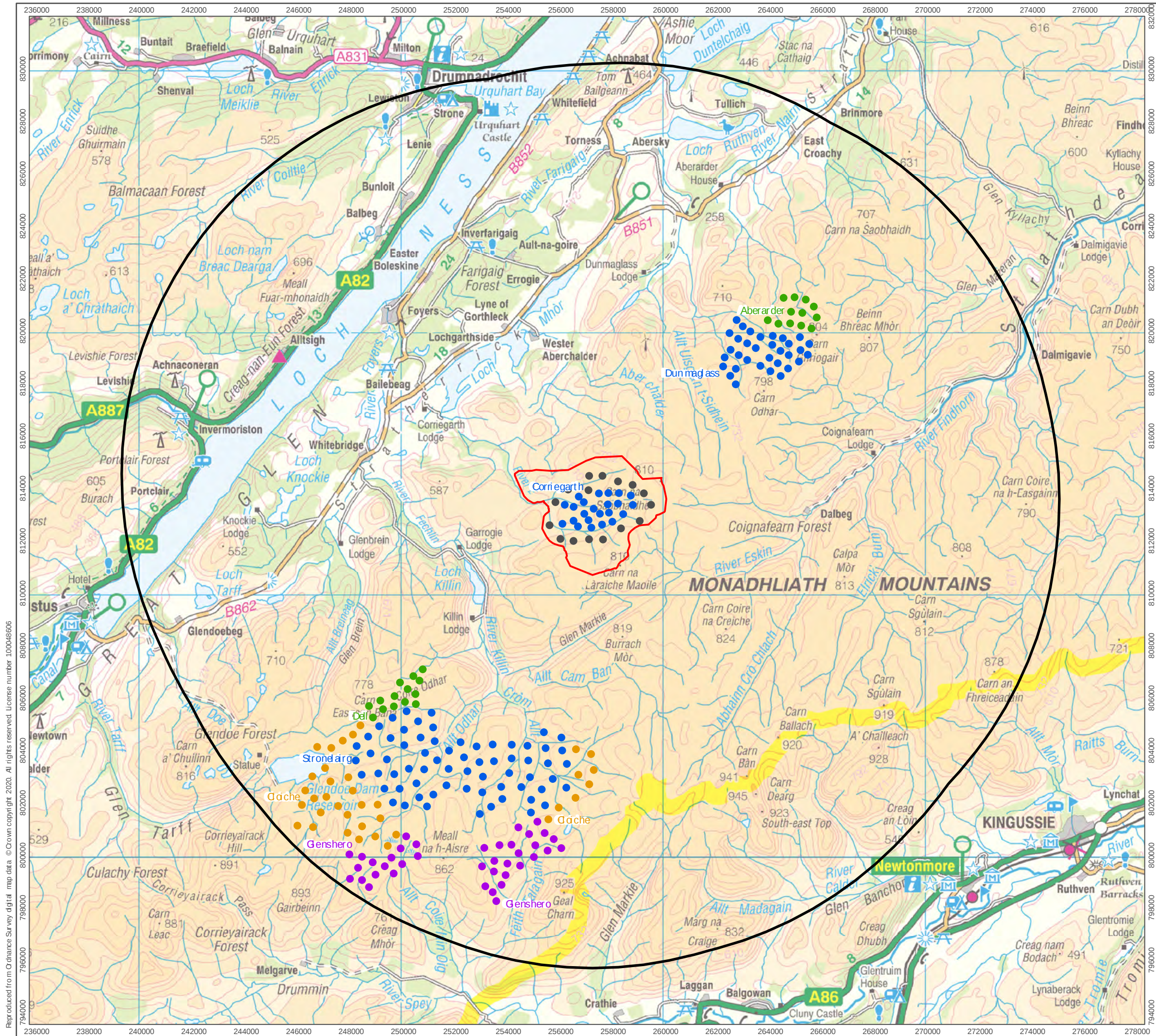
Figure No.	Name
9.5	SM4536 Dell Farm Burial Mounds
9.6	SM4538 Farraline Enclosure
9.7	SM11884 Dun Deardill Fort
9.8	LB540 Category B Farrline House
9.9	LB542 Category B Mains of Gorthleck
9.10	LB1860 Category B Dell Lodge
9.11	LB1883 Category B Garthbeg
9.12	LB50031 Category C Corrugated Iron Cottage
9.13	LB51700 Category C Loch Mhor Dam



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Designated Heritage Assets in 10 km Study Area
Figure 9.3

Corriegarth 2 Wind Farm
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**BayWa r.e.**

**ARCUS**

- Proposed Turbine Location
- Core Study Area
- 15 km Study Area

Cumulative Wind Farms

- Appeal/Public Inquiry
- Application Submitted
- Consented
- Operational

1:140,000 Scale @A3

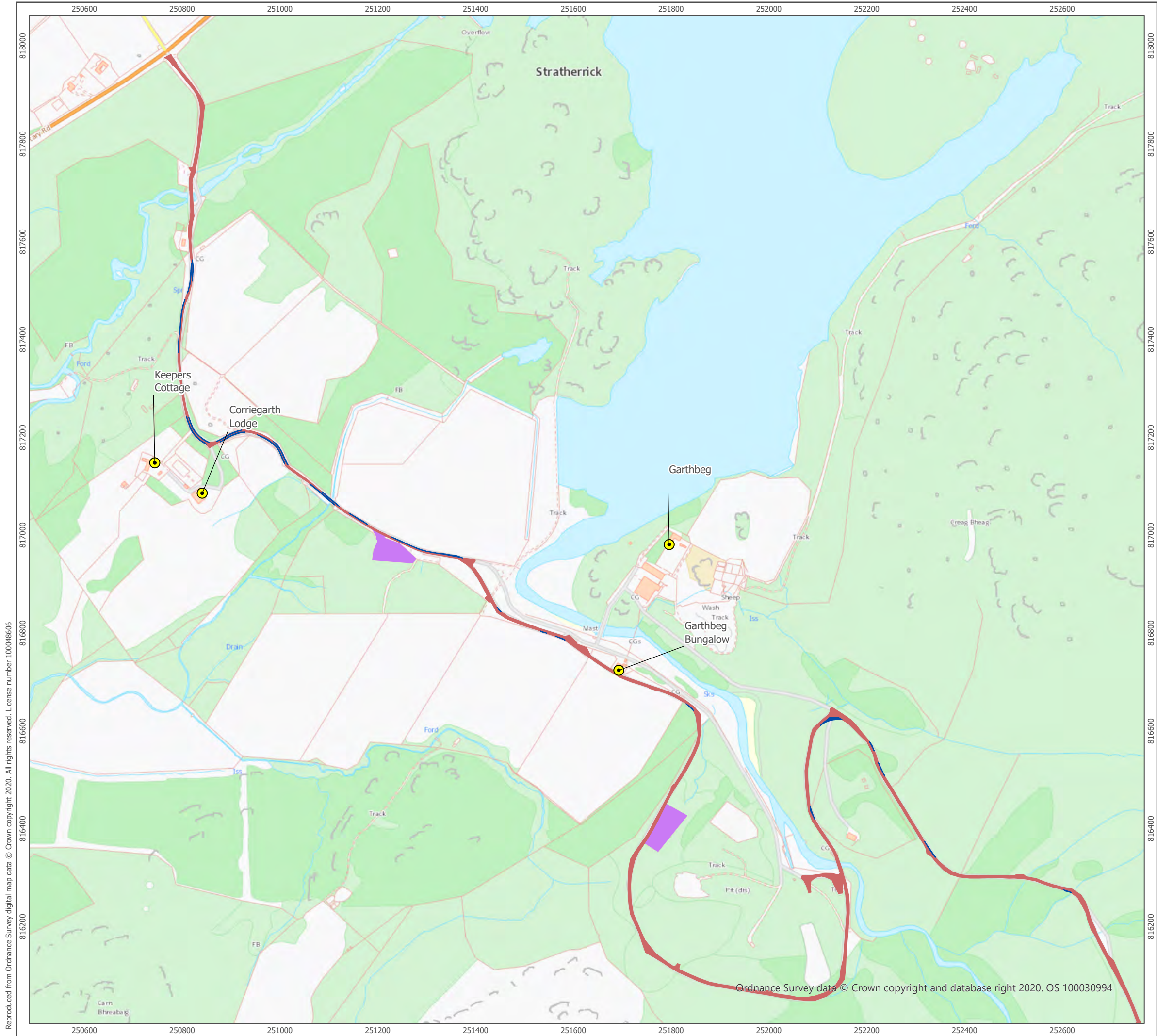




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15 km Cumulative Study Area
Figure 9.4

Corriegarth 2 Wind Farm
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 Construction Noise Receptors

 Existing Tracks to be Utilised

 Laydown Area

 Track Widening Area

1:7,500 Scale @ A3



0 0.1 0.2 km



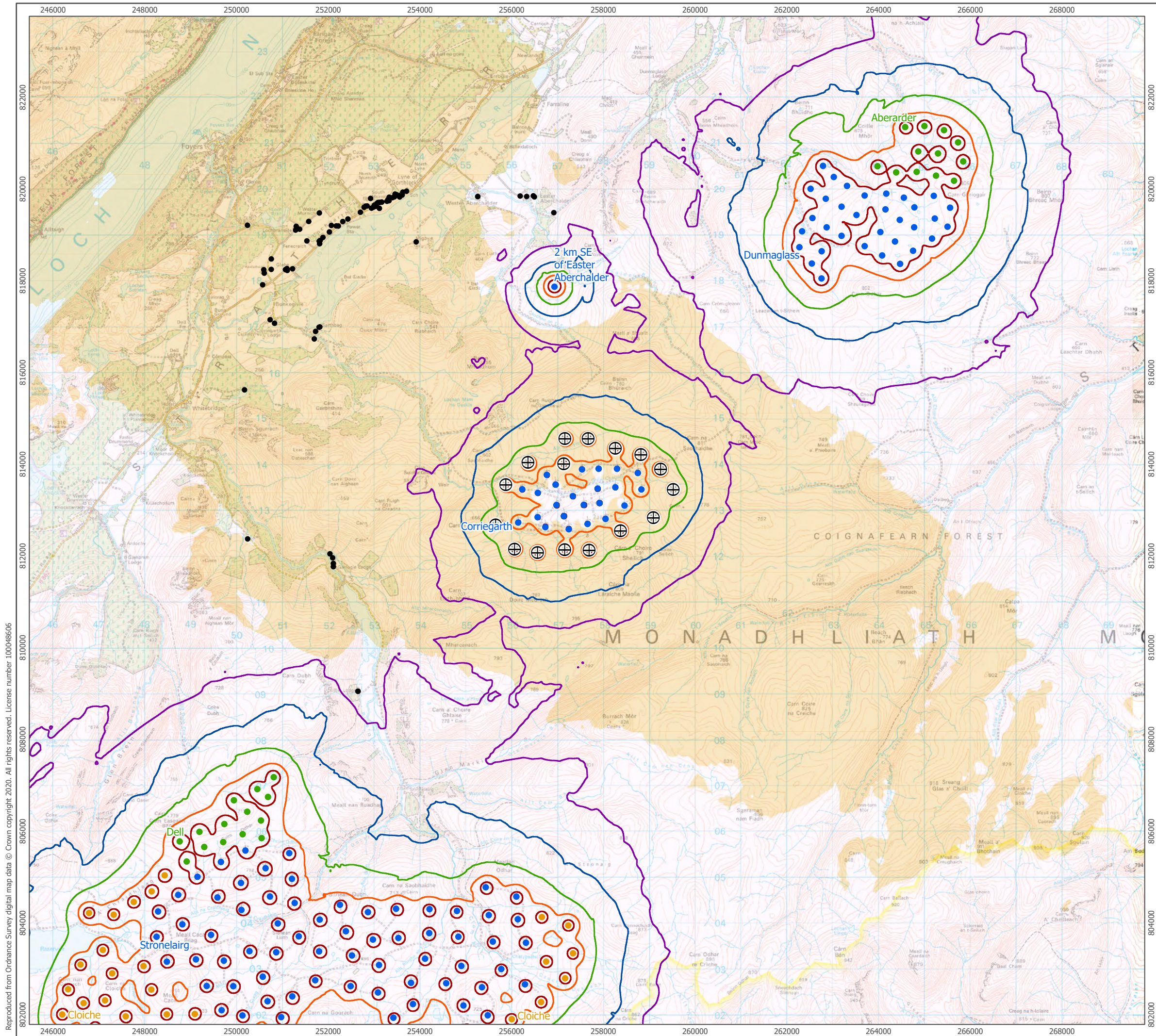
NORTH

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Construction Noise Receptors
Figure 10.1

Corriegarth 2 Wind Farm
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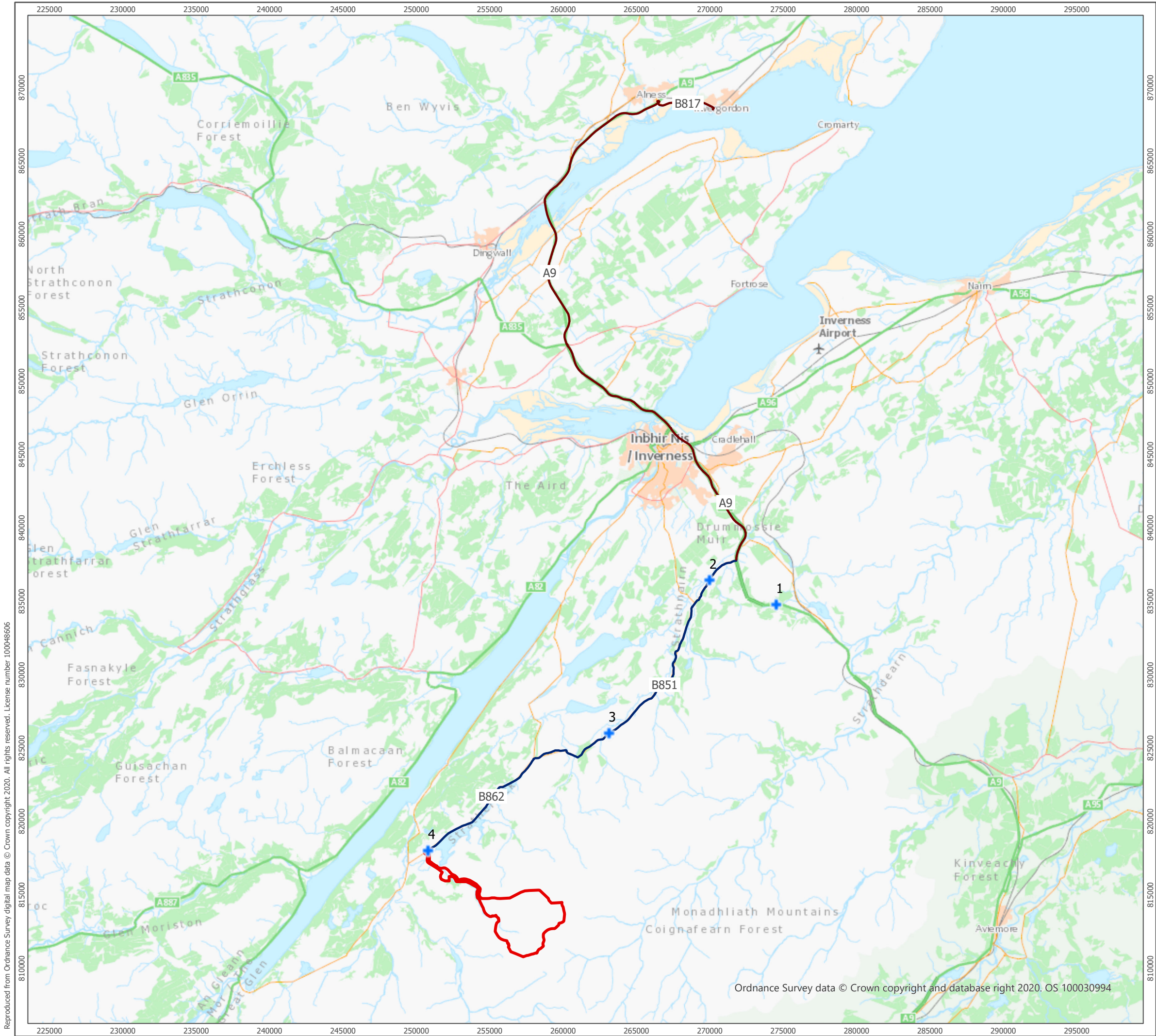
-  Proposed Turbine Location
- Cumulative Wind Farms
-  Application Submitted
-  Consented
-  Operational
-  Noise Sensitive Receptor
-  35 dB, LA90,10min
-  40 dB, LA90,10min
-  45 dB, LA90,10min
-  50 dB, LA90,10min
-  55 dB, LA90,10min
-  Development 10 dB Above Others
-  Development Within 10 dB of Others
-  Development 10 dB Below Others



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Cumulative Noise Contours
Figure 10.2

Corriegarth 2 Wind Farm
EIA Report

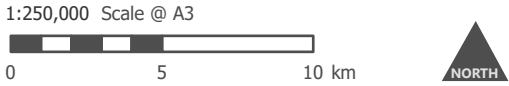


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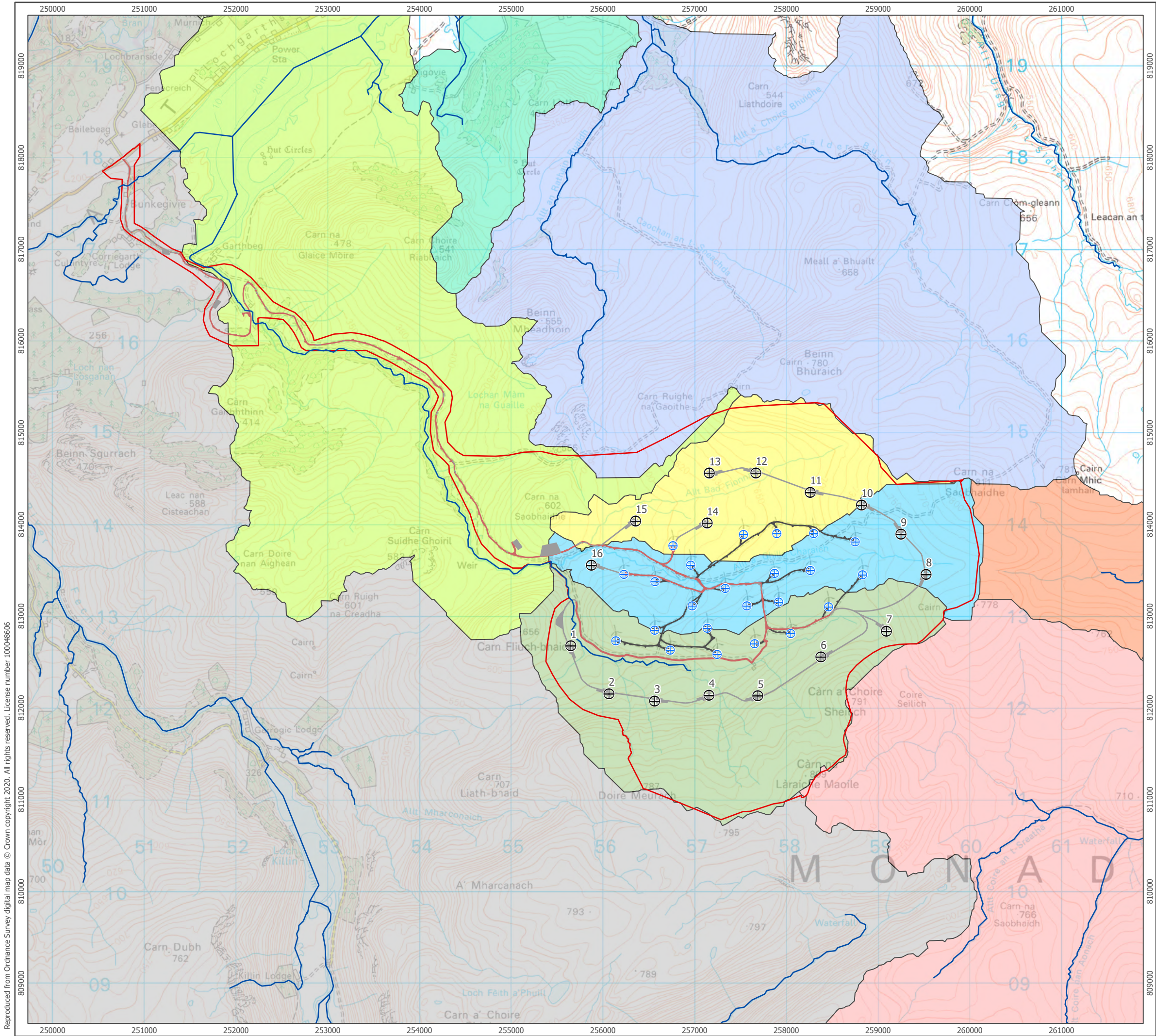
-  Site Boundary
-  General Construction and Abnormal Load Route
-  Abnormal Load Route
-  Traffic Count Location



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Route to Site
Figure 11.1

**Corriegarth 2 Wind Farm
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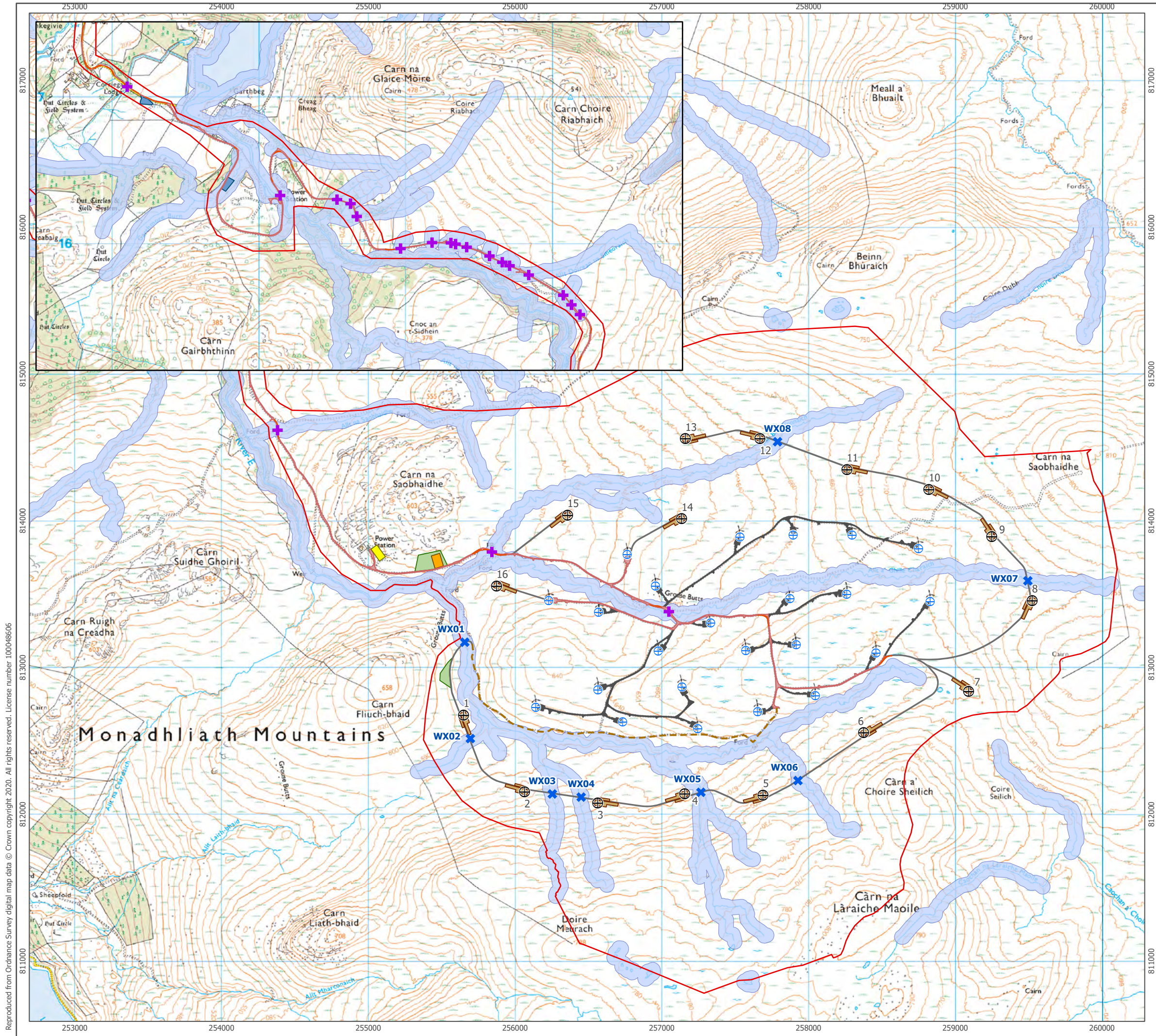
- Site Boundary
- Proposed Turbine Location
- Operational Corriegarth Wind Turbines
- Proposed Infrastructure
- Existing Tracks to be Utilised
- Existing Wind Farm Tracks
- Main Watercourses
- Surface Water Catchments
 - Allt Dubhag
 - Allt an Rathain Ruaidh
 - Allt Bad Fionnaich
 - Allt a' Ghille Charaich
 - River E (lower)
 - Allt Odhar
 - River E (upper)
 - River Eskin
 - River Fechlin

1:40,000 Scale @ A3

0 0.75 1.5 km

NORTH

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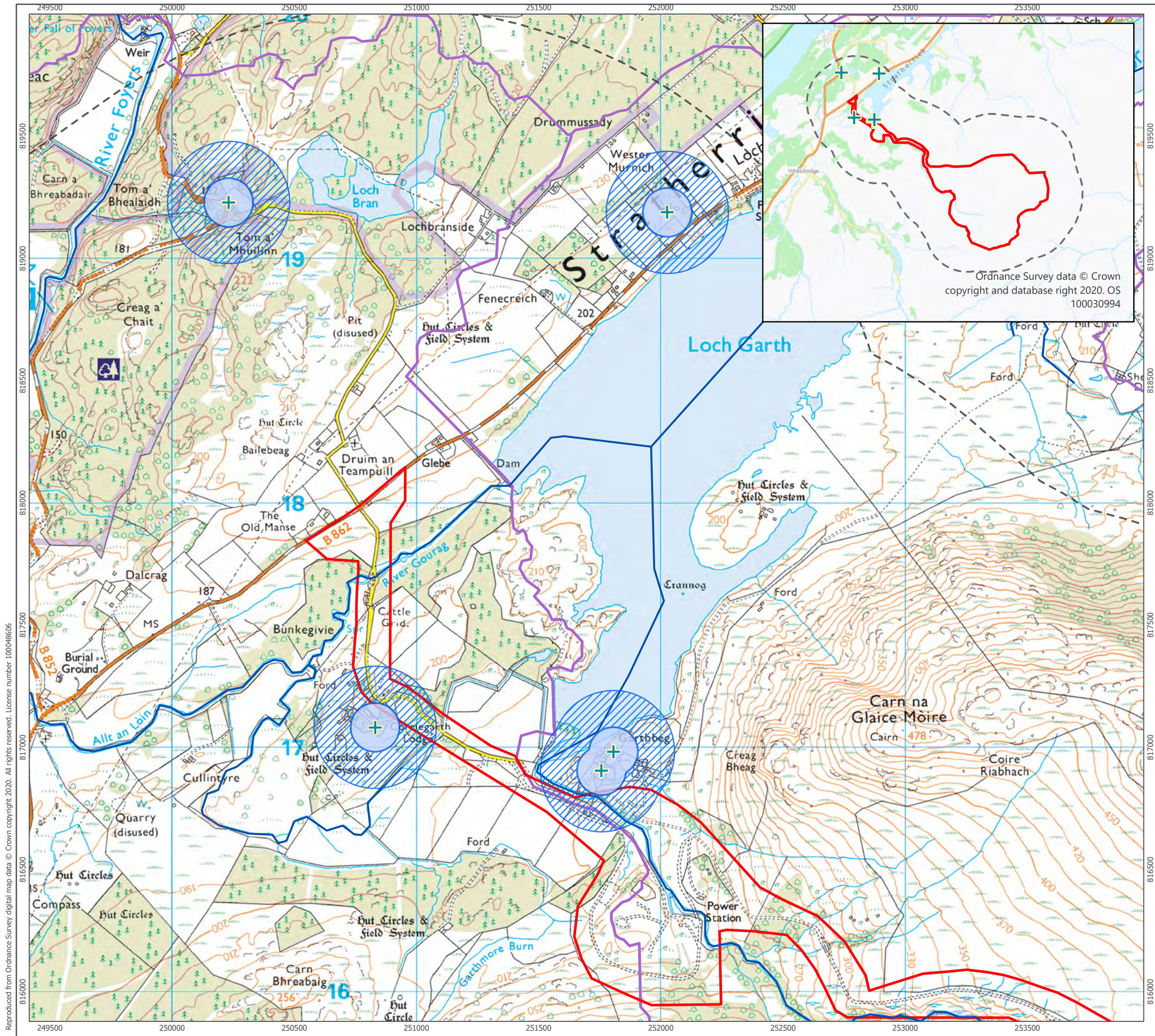
-  Site Boundary
-  Proposed Turbine Location
-  Operational Corriegarth Wind Turbines
-  Existing Track (Use restricted to construction phase for access to borrow pit only)
-  Borrow Pit Extents
-  Construction Compound
-  Crane Hardstanding
-  Existing Tracks to be Utilised
-  Existing Wind Farm Tracks
-  Proposed Access Tracks
-  Substation Compound
-  Track Widening Area
-  Existing Watercourse Crossing
-  New Watercourse Crossing
-  50 m Buffer of Onsite Watercourse

1:25,000 Scale @ A3

 0 0.5 1 km

 NORTH

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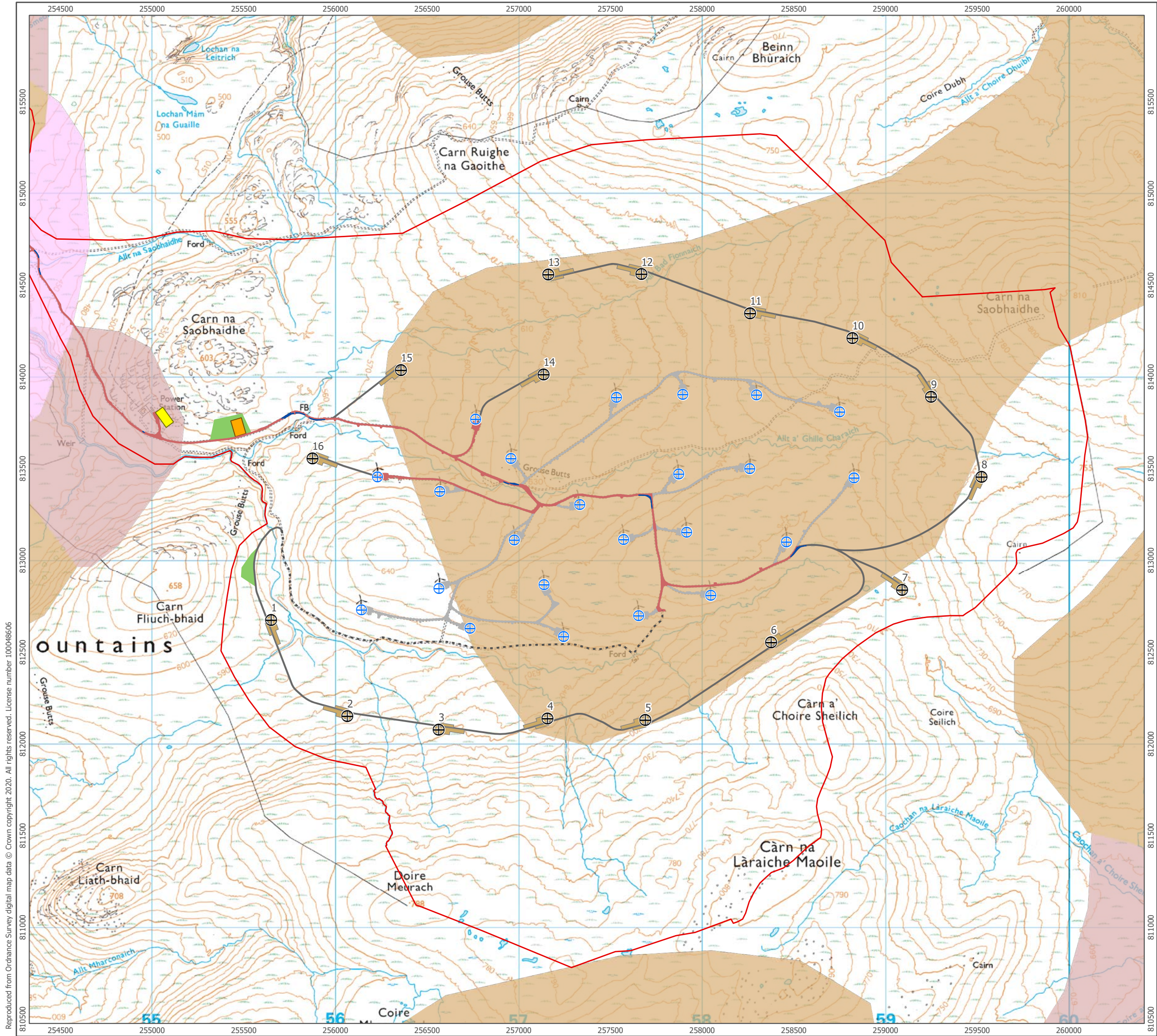


- Site Boundary
- PWS 100 m Study Area
- PWS 250 m Study Area
- PWS Study Area
- Private Water Supply
- Main Watercourses
- Surface Water Catchment Boundary

1:15,000 Scale @ A3
0 0.25 0.5 km
NORTH

Produced By: HC	Ref: 3369-REP-044
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Private Water Supplies
Figure 12.4



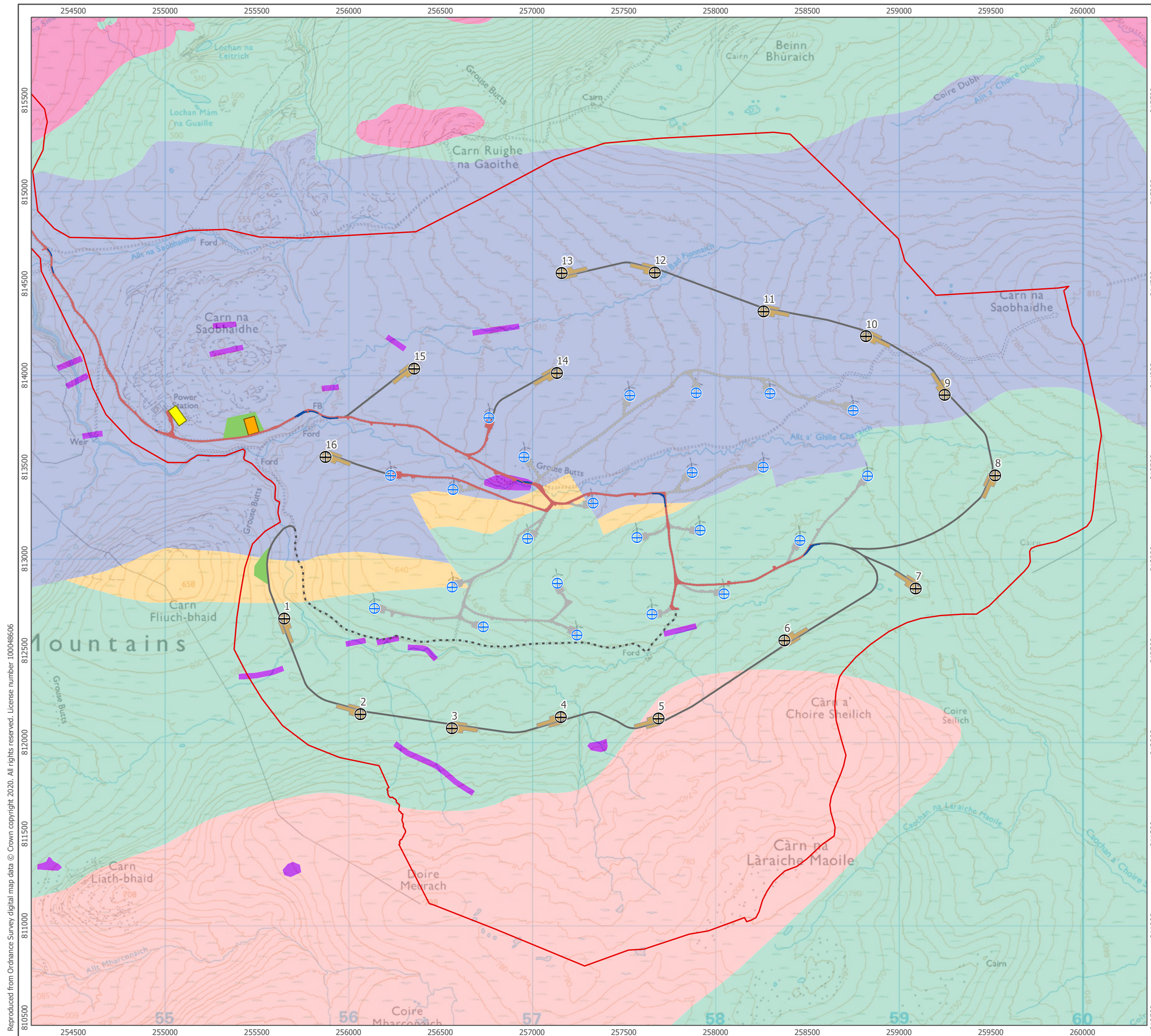
- Site Boundary
- Proposed Turbine Location
- Operational Corriegarth Wind Turbines
- Existing Track (Use restricted to construction phase for access to borrow pit only)
- Borrow Pit Extents
- Construction Compound
- Crane Hardstanding
- Existing Tracks to be Utilised
- Existing Wind Farm Tracks
- Laydown Area
- Proposed Access Tracks
- Substation Compound
- Track Widening Area
- Superficial Geology
 - Diamicton
 - Peat
 - Sand and Gravel

1:20,000 Scale @ A3
0 0.5 1 km NORTH

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Superficial Geology Figure 13.1

Corriegarth 2 Wind Farm EIA Report



-  Site Boundary
 -  Proposed Turbine Location
 -  Operational Corriegarth Wind Turbines
 -  Existing Track (Use restricted to construction phase for access to borrow pit only)
 -  Borrow Pit Extents
 -  Construction Compound
 -  Crane Hardstanding
 -  Existing Tracks to be Utilised
 -  Existing Wind Farm Tracks
 -  Proposed Access Tracks
 -  Substation Compound
 -  Track Widening Area
 - Bedrock Geology
 -  Foyers Igneous Complex
 -  Gairbeinn Pebbly Psammite Member
 -  Loch Laggan Psammite Formation
 -  Monadhliath Semipelite Formation
 -  North Britain Siluro-Devonian Calc-Alkaline Dyke Suite
 -  Ruthven Semipelite Formation

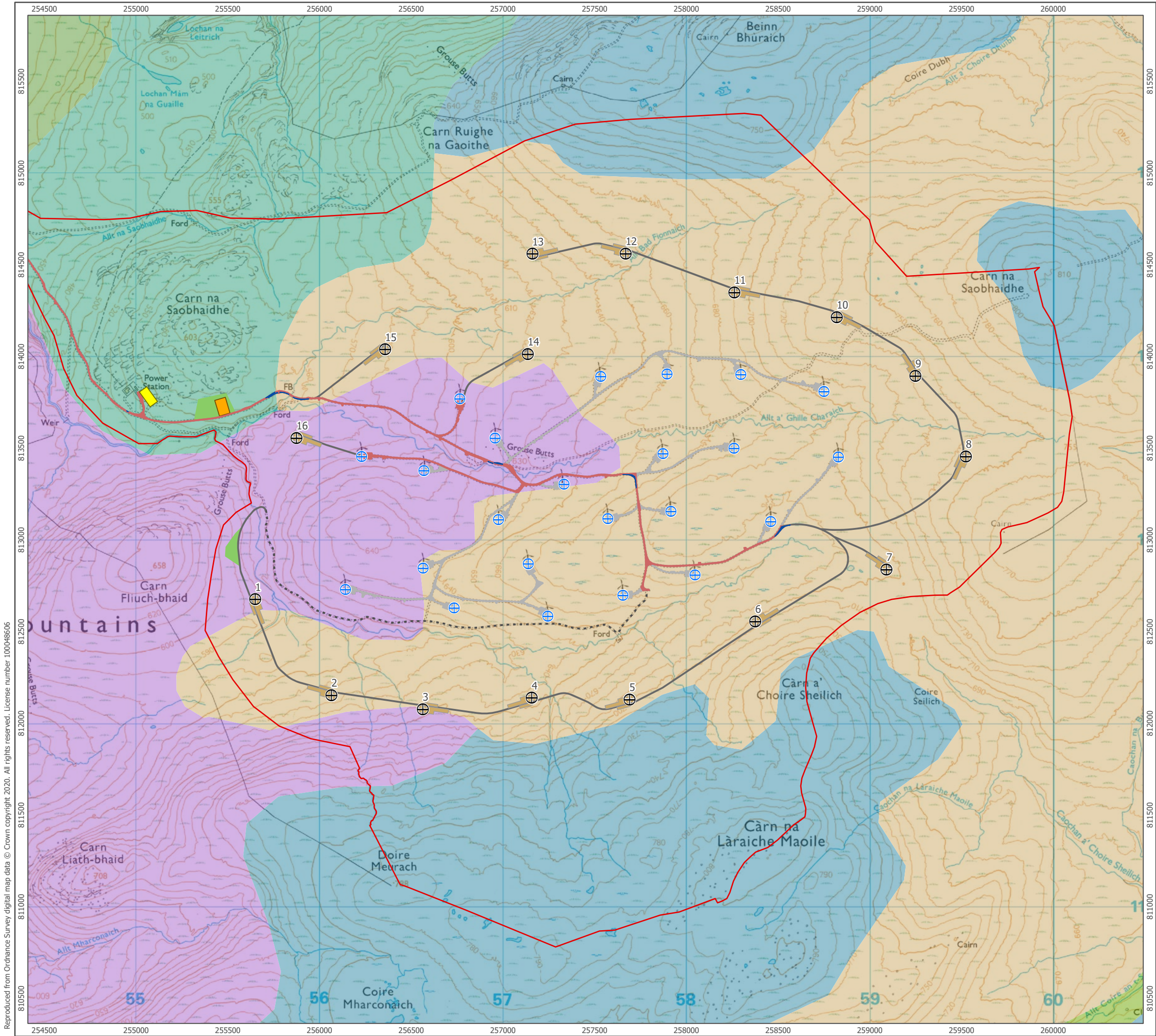


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Bedrock Geology

Figure 13.2

Corriegarth 2 Wind Farm EIA Report



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P:\Projects\Engineering\Projects\3369 Corriegarth\3369 Corriegarth.aprx\3369-REP-055 Fig13.3 National Soils Map of Scotland



Site Boundary

Proposed Turbine Location

Operational Corriegarth Wind Turbines

Existing Track (Use restricted to construction phase for access to borrow pit only)

Borrow Pit Extents

Construction Compound

Crane Hardstanding

Existing Tracks to be Utilised

Existing Wind Farm Tracks

Proposed Access Tracks

Substation Compound

Track Widening Area

National Soils Map of Scotland

Basin and valley peats

Eroded Blanket Peat

Peat, subalpine soils; some alpine soils

Rankers, lithosols; some alpine soils

Rankers, peaty podzols; some humus-iron podzols and peaty gleys

Subalpine soils; some peat, rankers and alpine soils

1:20,000 Scale @ A3

0

0.5

1 km

NORTH

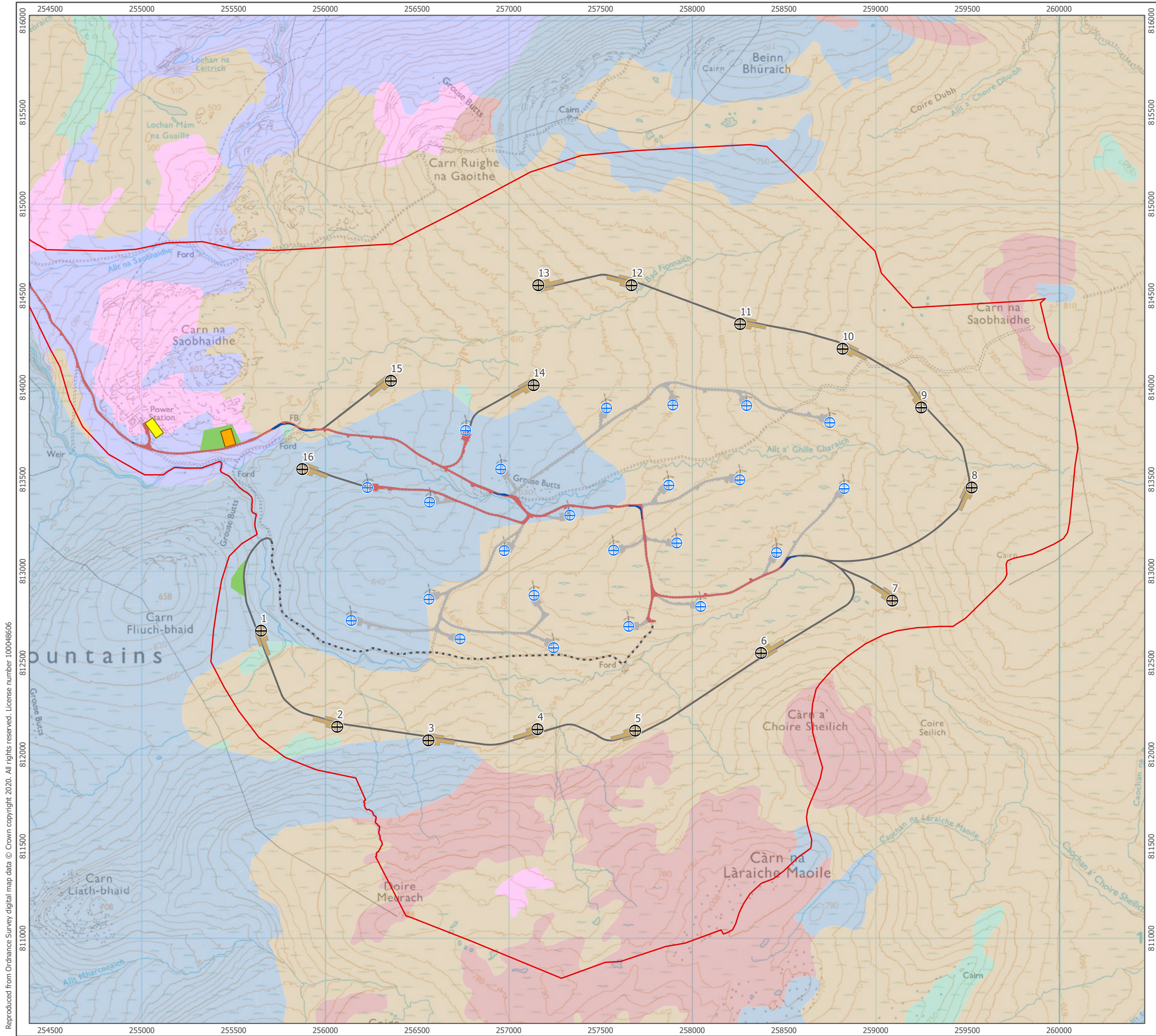
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National Soils Map of Scotland

Figure 13.3

Corriegarth 2 Wind Farm

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P:\Projects\Engineering\Projects\3369 Corriegarth\3369 Corriegarth.aprx\3369-REP-056 Fig13.4 Carbon & Peatland Map (SNH,2016)



Site Boundary

Proposed Turbine Location

Operational Corriegarth Wind Turbines

Existing Track (Use restricted to construction phase for access to borrow pit only)

Borrow Pit Extents

Construction Compound

Crane Hardstanding

Existing Tracks to be Utilised

Existing Wind Farm Tracks

Laydown Area

Proposed Access Tracks

Substation Compound

Track Widening Area

Carbon & Peatland Map (2016,SNH) Class

0

1

2

3

4

5

1:20,000 Scale @ A3

0

0.5

1 km

NORTH

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Carbon and Peatland Map

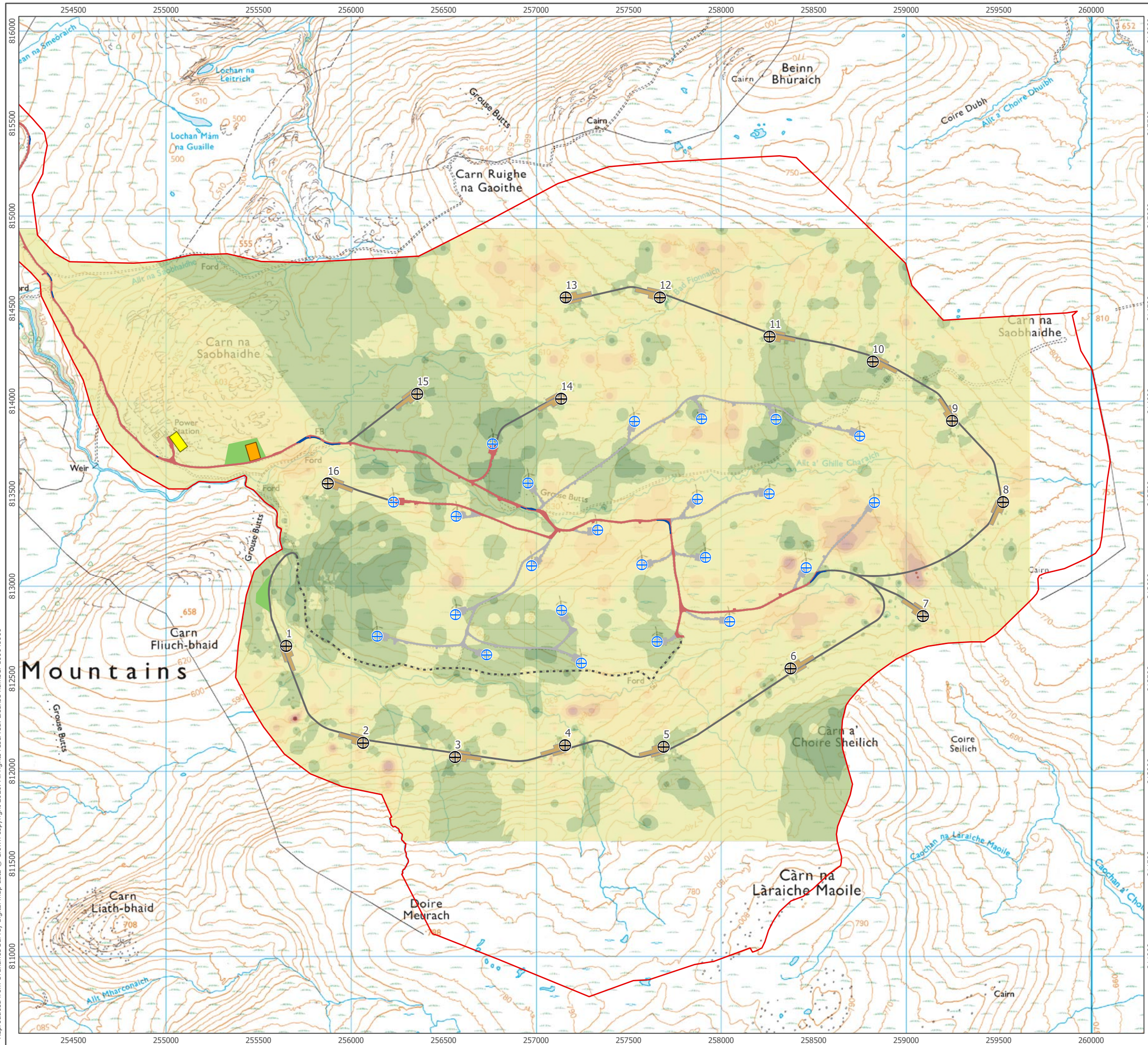
Figure 13.4

Corriegarth 2 Wind Farm

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P:\Projects\Engineering\Projects\3369 Corriegarth\3369 Corriegarth.aprx\3369-REP-056 Fig13.4 Carbon & Peatland Map (SNH,2016)

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Site Boundary

Proposed Turbine Location

Operational Corriegarth Wind Turbines

Existing Track (Use restricted to construction phase for access to borrow pit only)

Borrow Pit Extents

Construction Compound

Crane Hardstanding

Existing Tracks to be Utilised

Existing Wind Farm Tracks

Laydown Area

Proposed Access Tracks

Substation Compound

Track Widening Area

Interpolated Peat Depths (m)

0.00 - 0.50

0.51 - 1.00

1.01 - 1.50

1.51 - 2.00

2.01 - 2.50

2.51 - 3.00

3.01 - 3.50

3.51 - 4.00

4.01 - 4.50

4.51 - 5.00

5.01 - 5.50

1:20,000 Scale @ A3

0

0.5

1 km

NORTH

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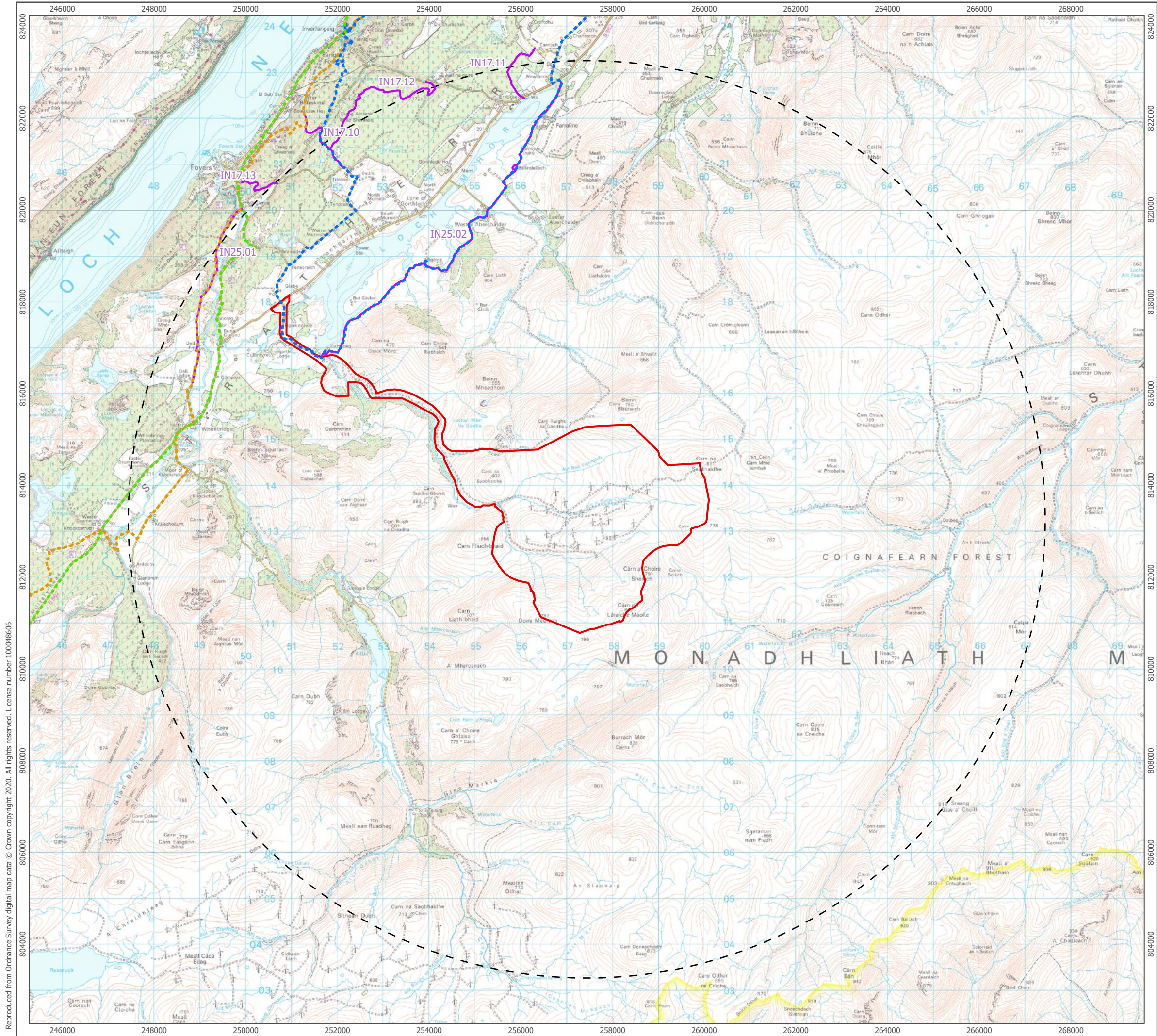
Date: 10/09/2020

Interpolated Peat Depths

Figure 13.5

Corriegarth 2 Wind Farm

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- Site Boundary
- Secondary Study Area
- Highland Council Core Path
- South Loch Ness Trail
- Trail of the 7 Lochs
- National Cycle Route 78

1:80,000 Scale @ A3
0 1.5 3 km
NORTH

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**Core Paths and Recreational Routes
within Secondary Study Area**
Figure 14.1

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