

### Key

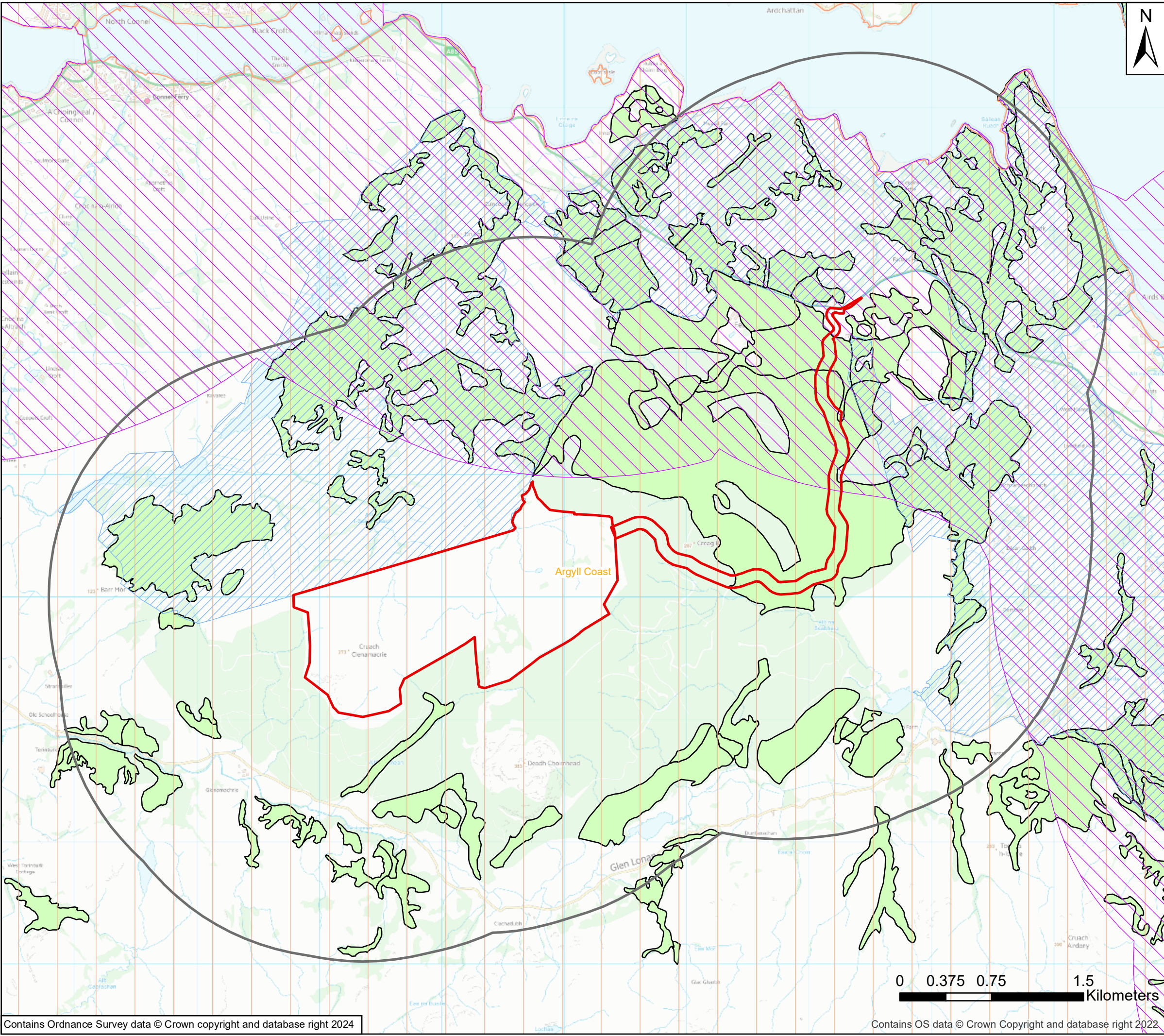
-  Application Boundary
-  Access Track Working Buffer
-  2 km Buffer
-  10 km Buffer
-  Site of Special Scientific Interest
-  Special Protection Area
-  Special Area of Conservation
-  Marine Protection Area
-  National Nature Reserve



Client:	Volitalia		
Project:	Cruach Clenmacrie Wind Farm Project Number:70092018		
Title:	Figure 10.1 National Statutory Designated Sites		

Drawing No:	Layers	Drawn:	HAS
Date:	13/09/2024	Checked:	SB
Scale:	91,700 @ A3	Approved:	SK





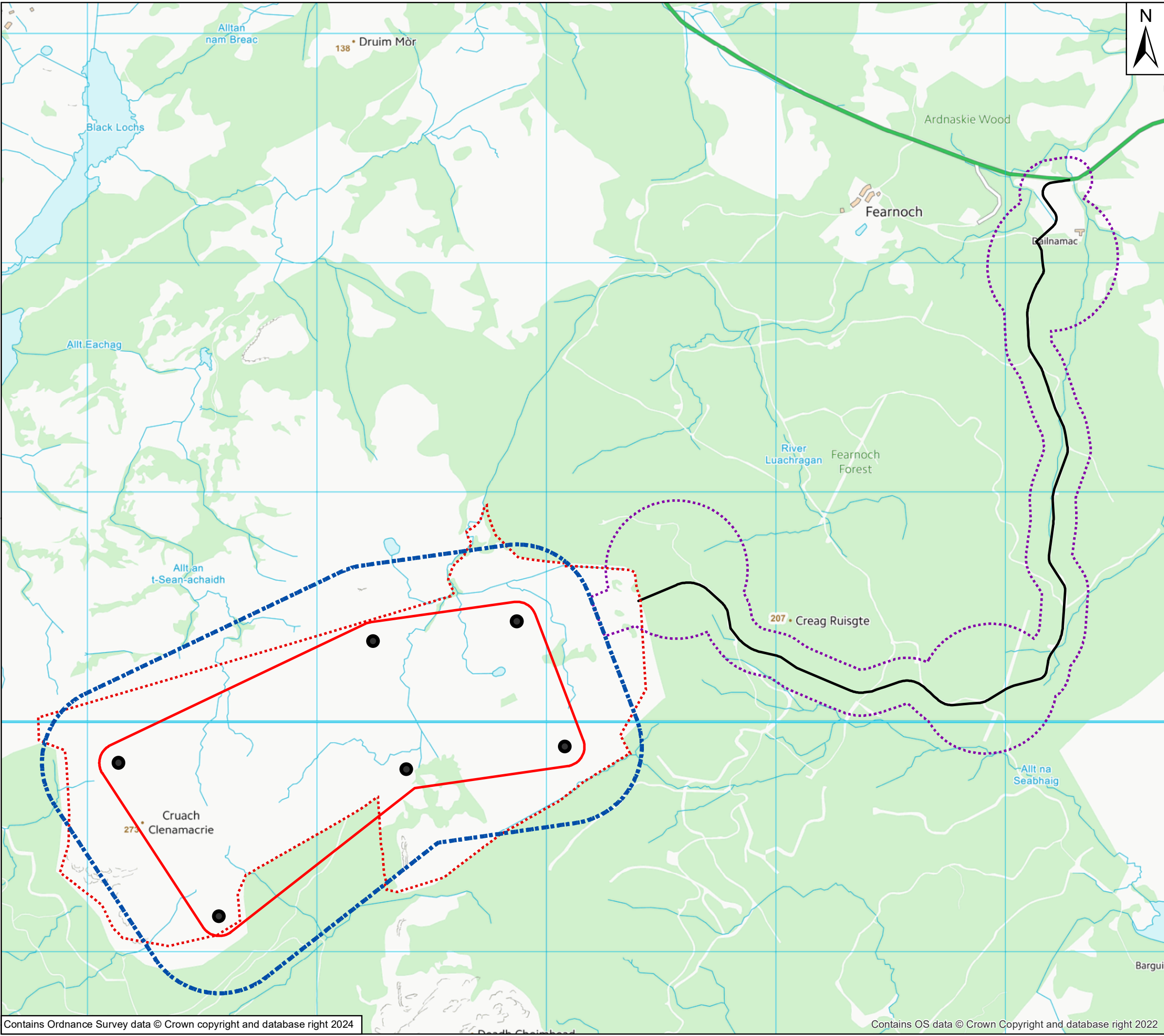
**Key**

- Application Boundary
- Access Track working buffer
- 2 km Buffer
- Buglife B-Line
- Butterfly Conservation - Scottish Priority Landscapes
- Buglife Important Invertebrate Area
- Ancient Woodland Inventory



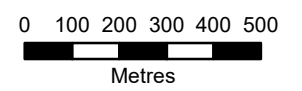
Client:	Volitalia		
Project:	Cruach Clenmacrie Wind Farm Project Number:70092018		
Title:	Figure 10.2 Non-Statutory Designated Sites		
Drawing No:	Layers	Date:	13/09/2024
Scale:	30,000 @ A3	Drawn:	HAS
		Checked:	SB
		Approved:	SK



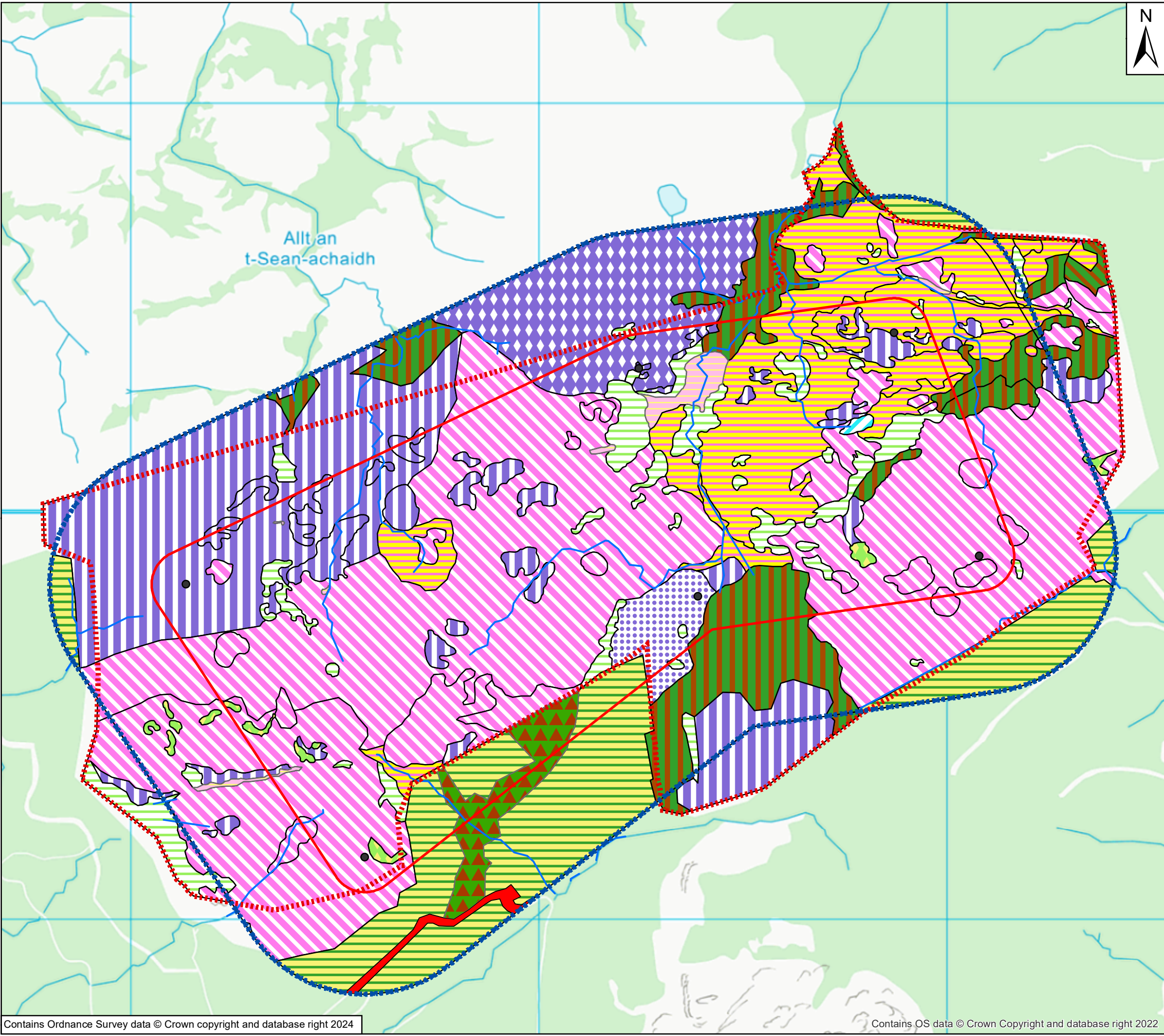


**Legend**

- Turbine Layout
- ▭ Developable Area
- ▭ Developable Area Survey Area (250m)
- ▭ Site Planning Application Boundary
- ▭ Access Track Survey Area (incl. 250m Borrow Pit Buffer)
- Access Track

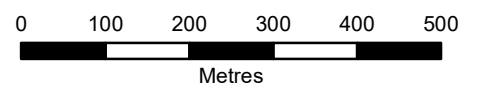


Client:	Volitalia	
Project:	CRUACH CLENAMACRIE WIND FARM Project Number: 70092018	
Title:	Figure 10.1.1: Proposed Development Study Area	
Drawing No:	Figure 10.1.1	Drawn: AG
Date:	11/6/2024	Checked: SB
Scale:	16,000 @ A3	Approved: SK

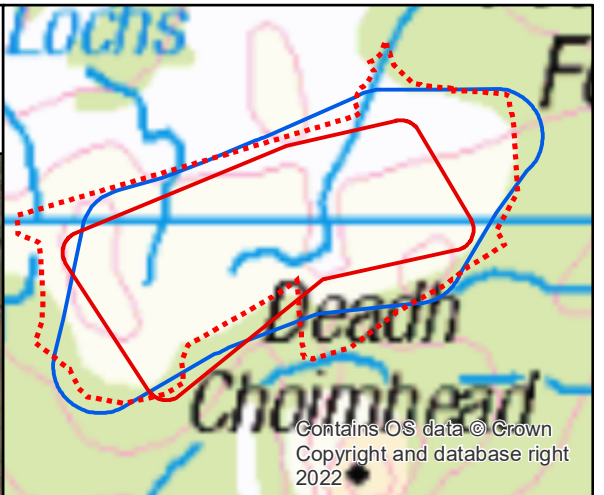
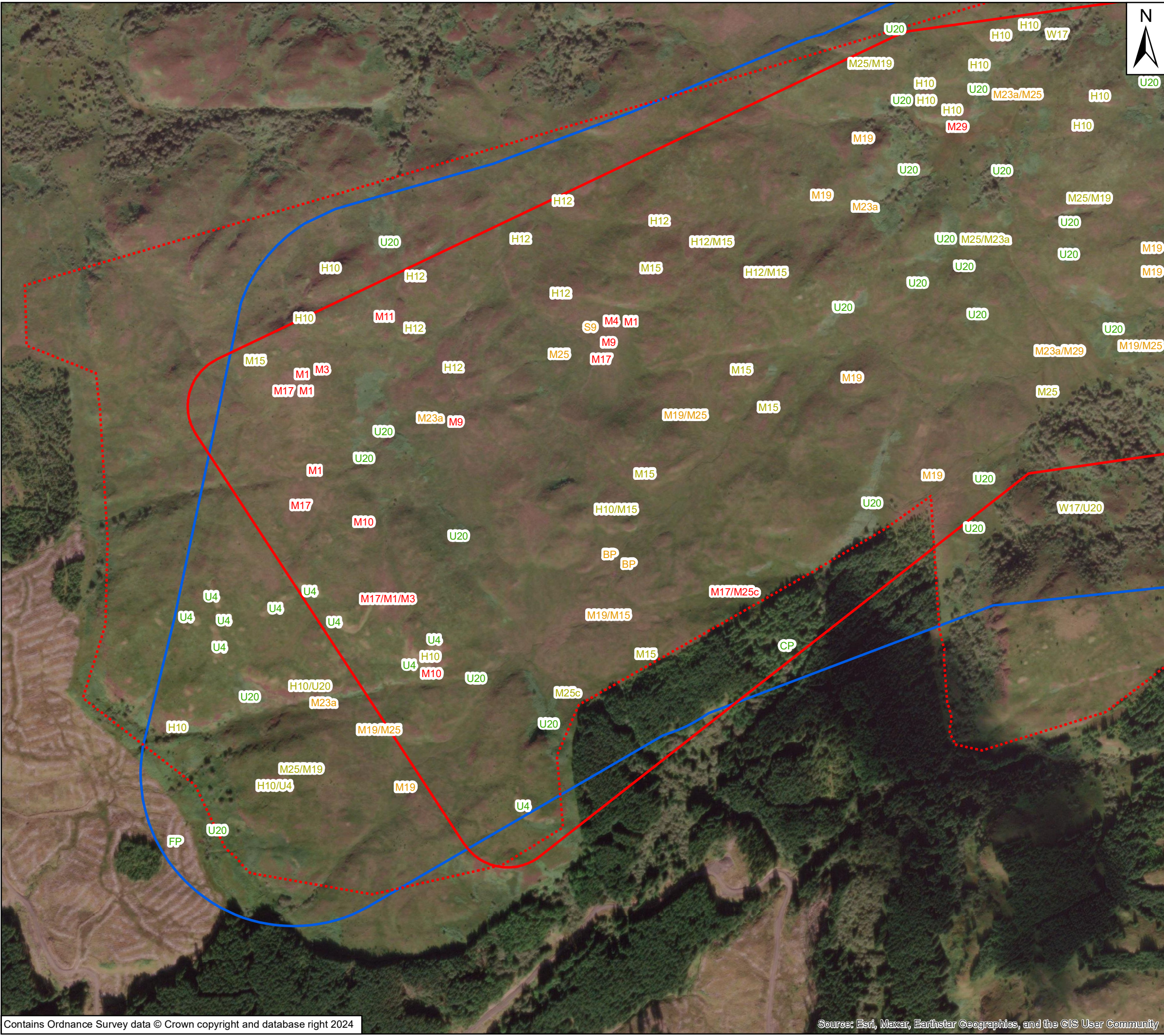


**Legend**

- Turbine Layout
- ▭ Developable Area
- ▭ 250m Buffer
- ▭ Application Boundary
- UKHab Primary habitats**
- ▭ f1a - blanket bog
- ▭ f1a6 - degraded blanket bog
- ▭ f2b - purple moor grass and rush pasture
- ▭ f2c - upland flushes, fens and swamps
- ▭ g1b6 - other upland acid grassland
- ▭ g1c - bracken
- ▭ h1b - upland heathland
- ▭ h1b5 - dry heaths, upland (H4030)
- ▭ h1b6 - wet heathland with cross-leaved heath, upland (H4010)
- ▭ r1 - standing open water and canals
- ▭ u1e - built linear features
- ▭ w1d - wet woodland
- ▭ w1e - upland birchwoods
- ▭ w1h5 - other woodland; mixed; mainly broadleaved
- ▭ w2c - other coniferous woodland
- ▭ r2 - watercourses



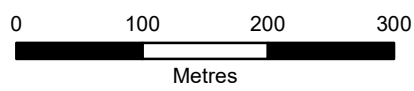
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<b>Project:</b>	CRUACH CLENAMACRIE WIND FARM Project Number: 70092018		
<b>Title:</b>	Figure 10.1.2: UKHab Survey Results		
<b>Drawing No:</b>	Figure 10.1.2	<b>Drawn:</b>	LW
<b>Date:</b>	11/15/2024	<b>Checked:</b>	SB
<b>Scale:</b>	9,000 @ A3	<b>Approved:</b>	SK



**Key**

- Developable Area
- Application Boundary
- NVC Survey Area

U20 - National Vegetation Classification Code

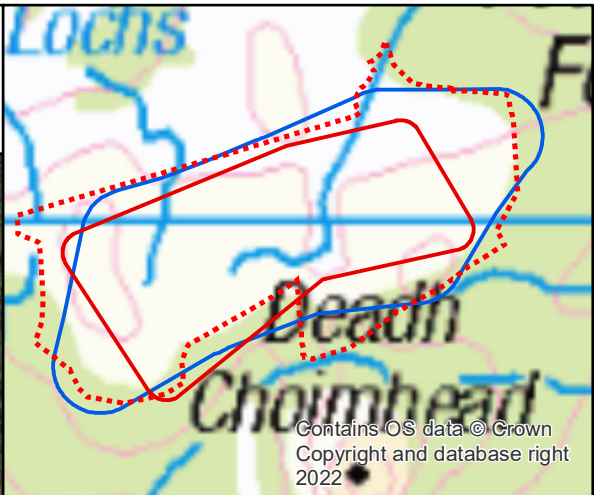
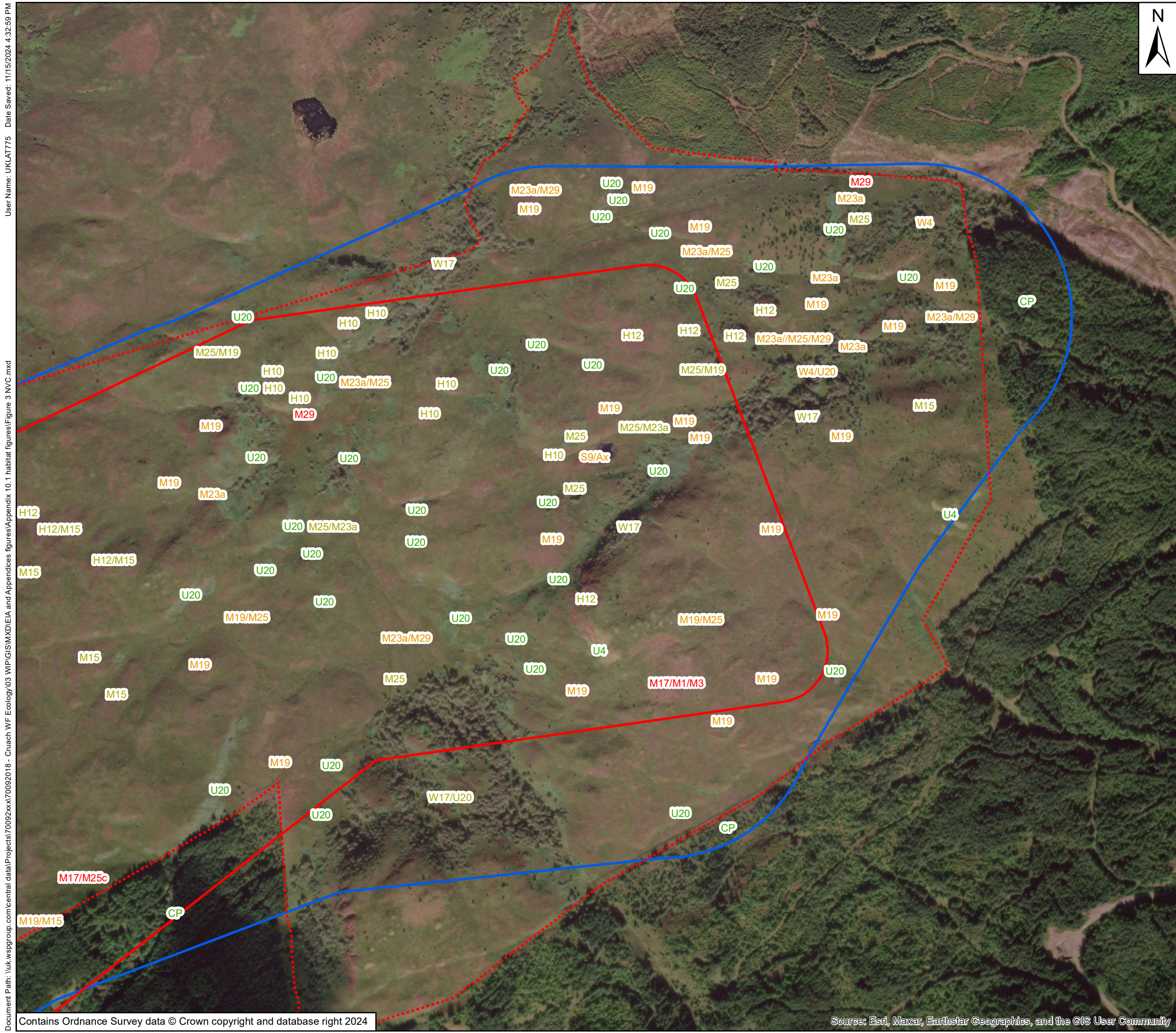


Client:  
 Voltaia

Project:  
 CRUACH CLENAMACRIE WIND FARM  
 Project no: 70092018

Title:  
 Figure 10.1.3: National Vegetation Classification  
 Page 1 of 2

Drawing No:	Figure 10.1.3	Drawn:	JD
Date:	11/15/2024	Checked:	SB
Scale:	6,000 @ A3	Approved:	SK

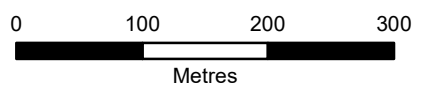


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**Key**

- Developable Area
- Application Boundary
- NVC Survey Area

U20 - National Vegetation Classification Code

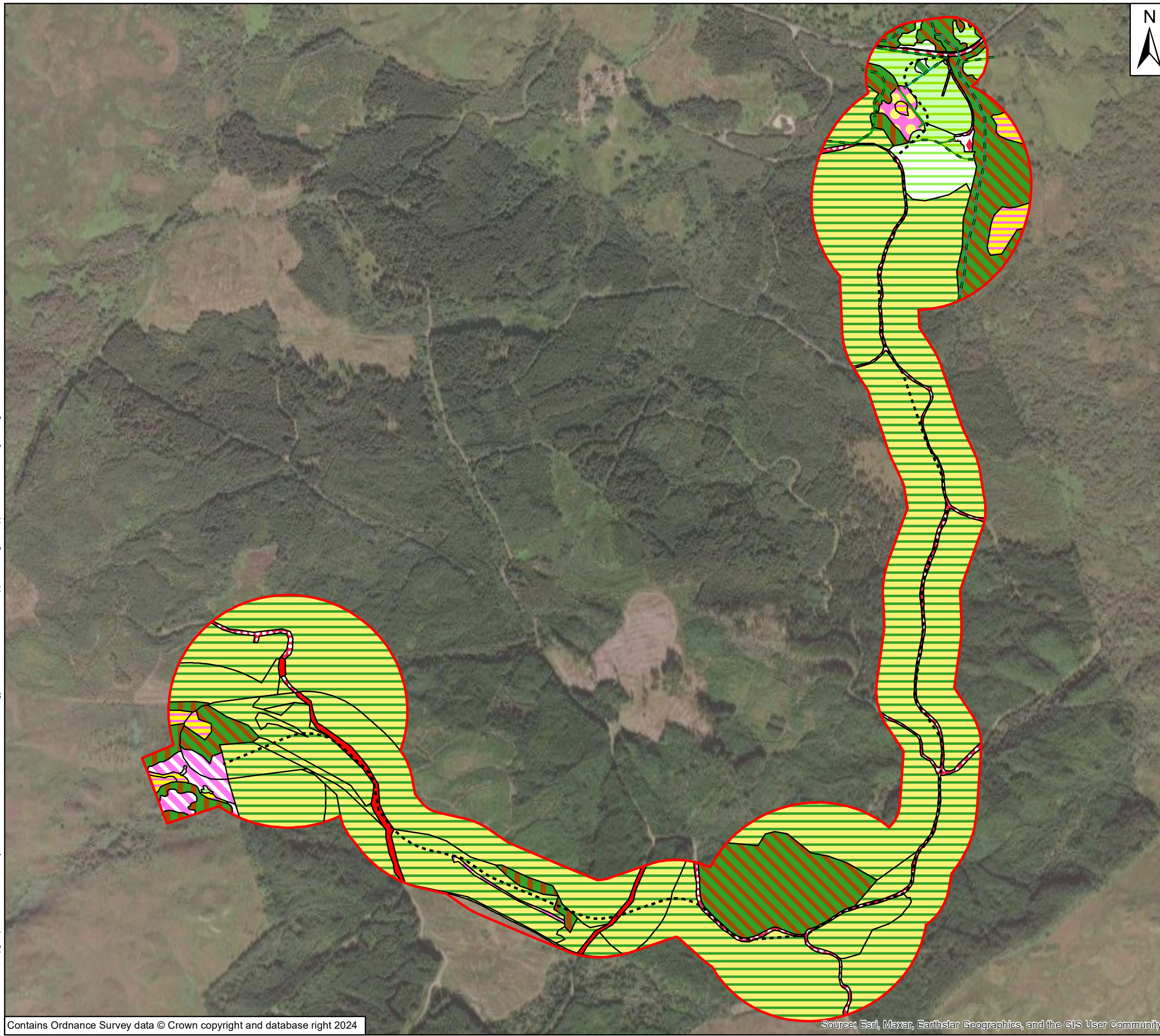


Client:  
**Volitalia**

Project:  
**CRUACH CLENAMACRIE WIND FARM**  
 Project no: 70092018

Title:  
**Figure 10.1.3: National Vegetation Classification**  
 Page 2 of 2

Drawing No:	Figure 10.1.3	Drawn:	JD
Date:	11/15/2024	Checked:	SB
Scale:	6,000 @ A3	Approved:	SK



**Legend**

- Access Track
- Access Track Survey Area (incl. 250m Borrow Pit Buffer)

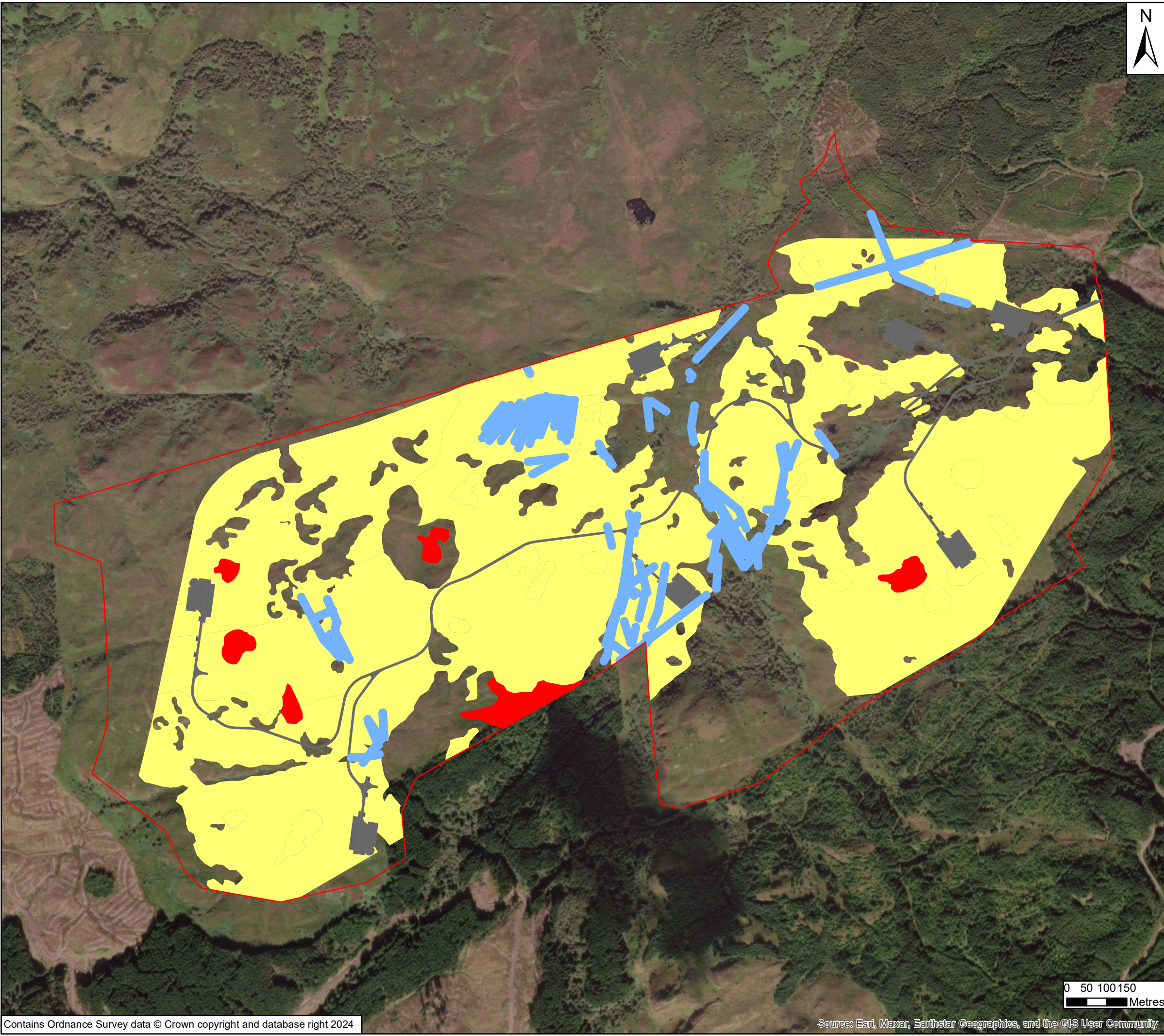
**UKHab**

- h2a - hedgerow (native hedgerow)
- w1g - other broadleaved woodland
- r2a - rivers
- u1e - built linear features
- g3c - other neutral grassland
- r1g - other standing water
- f1a - blanket bog
- f2b - purple moor-grass to follow stage
- f2f - other wetlands
- g1c - bracken
- g3c - other neutral grassland
- u1b6 - other developed land
- u1c - artificial unvegetated unsealed surface
- u1d - suburban mosaic of developed/natural surfaces
- u1e - built linear features
- w1a - upland oakwood
- w1d - wet woodland
- w1e - upland birchwoods
- w2c - other coniferous woodland

0 100 200 300  
Metres



<b>Client:</b>	Voltalia	
<b>Project:</b>	CRUACH CLENAMACRIE WIND FARM Project Number: 70092018	
<b>Title:</b>	Figure 10.1.4 Access Track UKHab Survey Results	
<b>Drawing No:</b>	Figure 10.1.4	<b>Drawn:</b> LW
<b>Date:</b>	9/16/2024	<b>Checked:</b> SB
<b>Scale:</b>	9,500 @ A3	<b>Approved:</b> SK



**Key**

- Application boundary
- Proposed site infrastructure
- Peatland condition criteria**
- Modified
- Near natural
- Drained

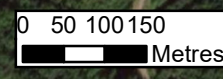


Client: Voltalia

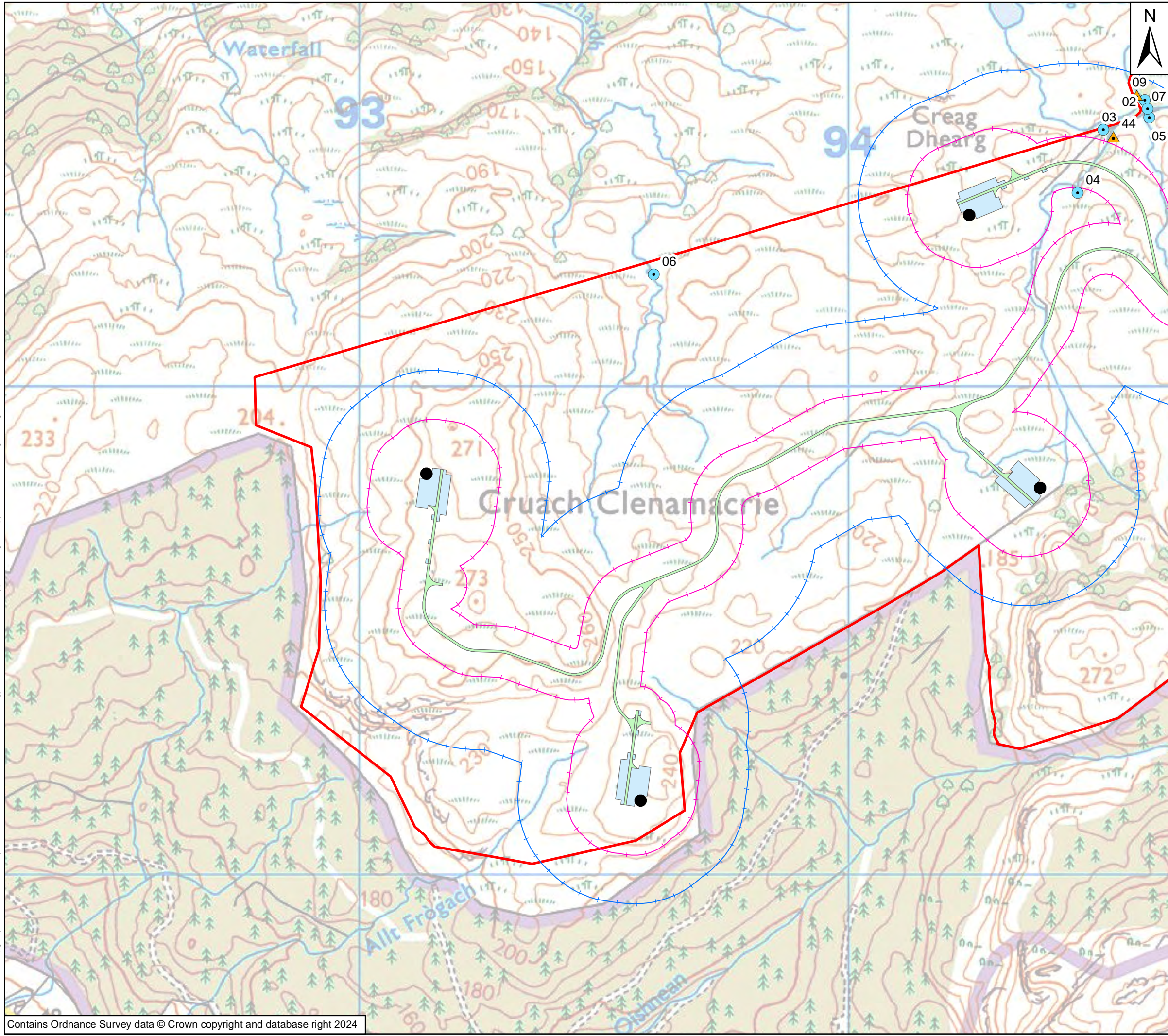
Project: Cruach Clenamacrie Wind Farm  
Project Number: 70092018

Title: Figure 10.1.5. - Peatland Condition Assessment

Drawing No:	Layers	Drawn:	PK
Date:	10/21/2024	Checked:	SB
Scale:	9,190 @ A3	Approved:	XXX





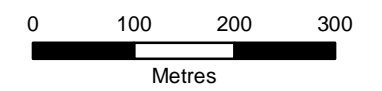


**Legend**

- Application Boundary
- Wind Farm Protected Species Study Area - 100m
- Wind Farm Protected Species Study Area - Otter 200m

**Species**

- ▲ Potential Roost Feature (PRF)
- Watercourse information point
- Turbine Foundations
- New Access Tracks
- Hardstandings
- Aux Pads

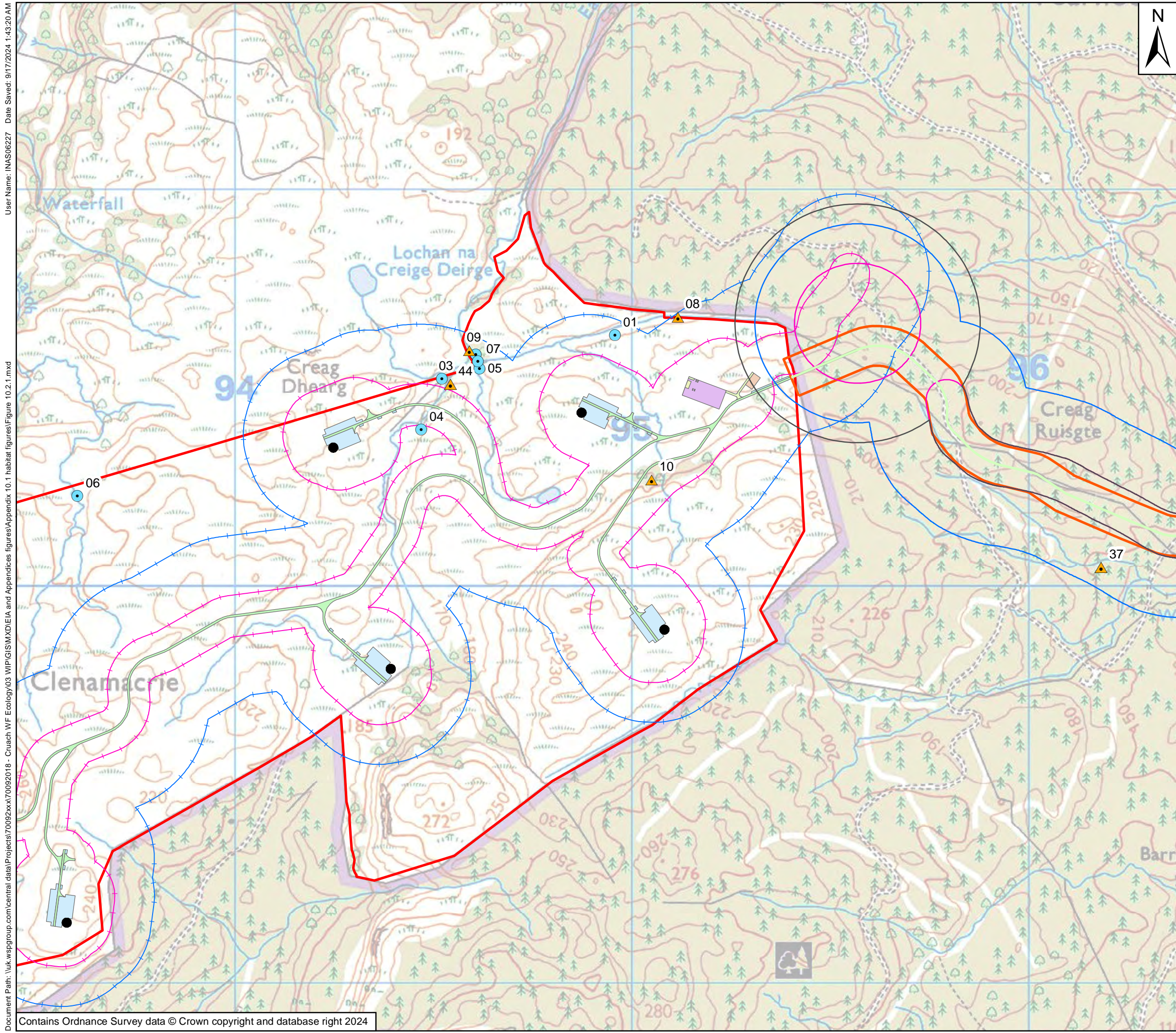


Client: **Voltaia**

Project: **CRUACH CLENAMACRIE WIND FARM**  
Project Number: 70092018

Title: **Figure 10.2.1 Protected Species Survey Results**  
Page 1 of 4

Drawing No:	Figure 10.2.1	Drawn:	HAS
Date:	9/17/2024	Checked:	AG
Scale:	7,510 @ A3	Approved:	JS



**Legend**

- Application Boundary
- Access track working buffer
- Wind Farm Protected Species Study Area - 100m
- Wind Farm Protected Species Study Area - Otter 200m
- Access Track Protected Species Study Area - Otter 200m
- Access Track Protected Species Study Area - Pine marten 250m
- Access Track Protected Species Study Area - 50m-100m
- Proposed Access Route

**Species**

- ▲ Potential Roost Feature (PRF)
- Watercourse information point

- Layby
- Turbine Foundations
- Switchgear Unit
- Substation Hardstanding
- Substation Building
- PCS Units
- New Access Tracks Substation
- New Access Tracks
- Hardstandings
- Control Building
- Compound Area
- Car Parking Area
- Battery Units
- Aux Pads

0 100 200 300  
Metres

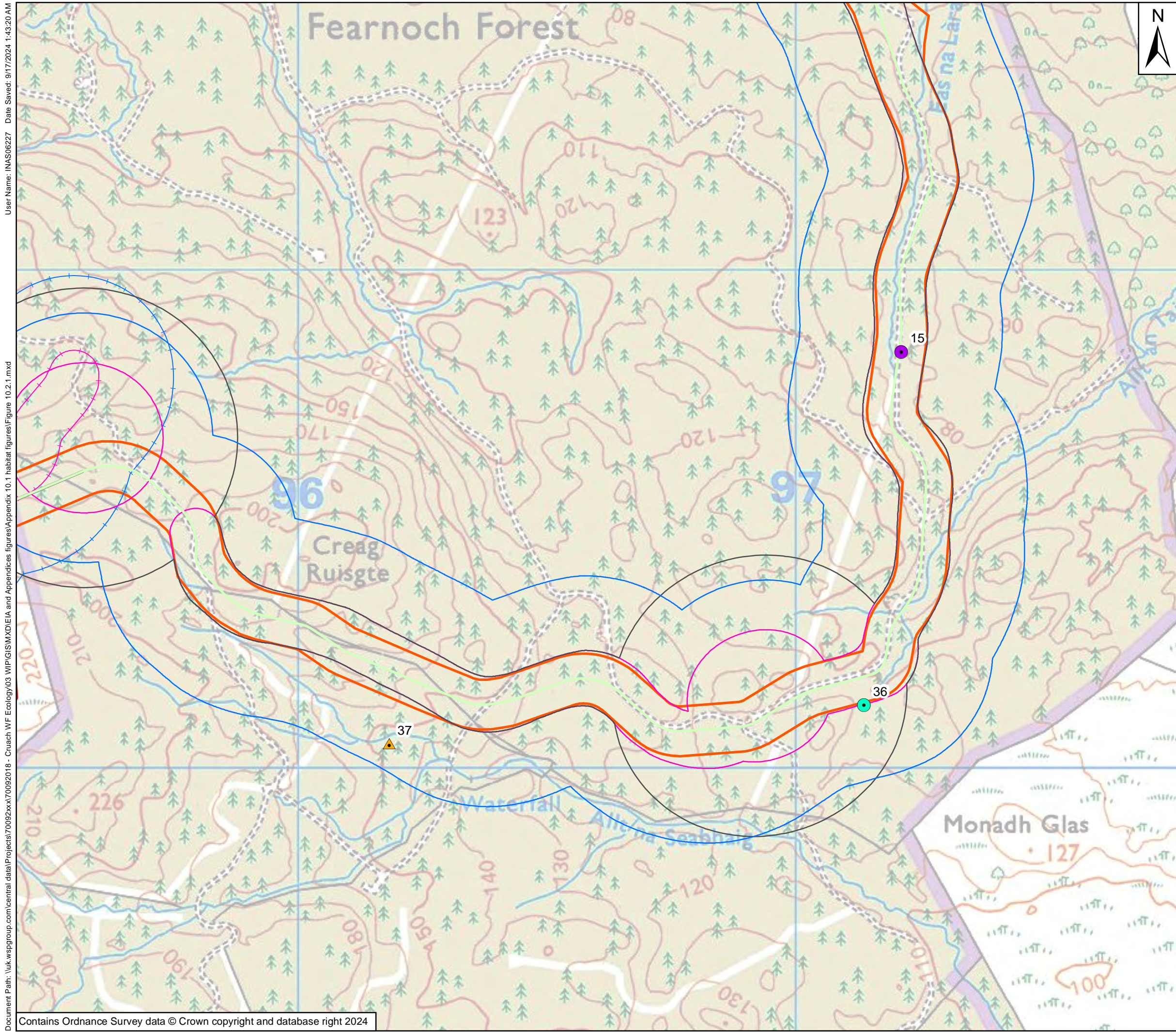
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Client: Volitalia

Project: **CRUACH CLENAMACRIE WIND FARM**  
Project Number: 70092018

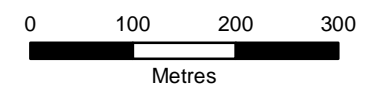
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Page 2 of 4

Drawing No: <b>Figure 10.2.1</b>	Drawn: <b>HAS</b>
Date: <b>9/17/2024</b>	Checked: <b>AG</b>
Scale: <b>9,230 @ A3</b>	Approved: <b>JS</b>



**Legend**

- Application Boundary
  - Access track working buffer
  - Wind Farm Protected Species Study Area - 100m
  - Wind Farm Protected Species Study Area - Otter 200m
  - Access Track Protected Species Study Area - Otter 200m
  - Access Track Protected Species Study Area - Pine marten 250m
  - Access Track Protect Species Study Area - 50m-100m
  - Proposed Access Route
- Species**
- Potential resting site (drey)
  - Possible mustelid scat
  - ▲ Potential Roost Feature (PRF)
  - New Access Tracks



Client:

Volitalia

Project:

**CRUACH CLENAMACRIE WIND FARM**  
Project Number: 70092018

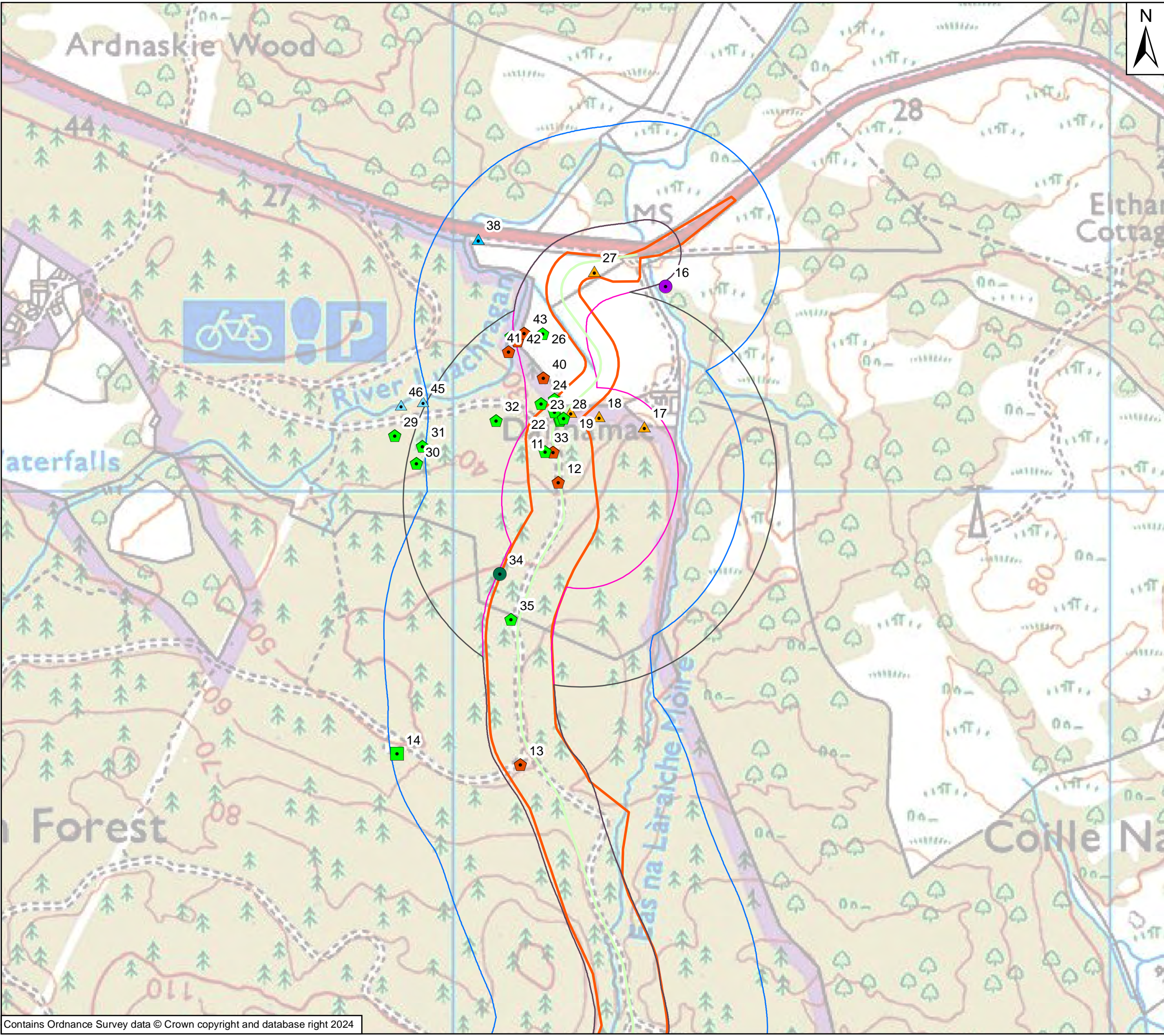
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**Figure 10.2.1 Protected Species Survey Results**  
Page 3 of 4

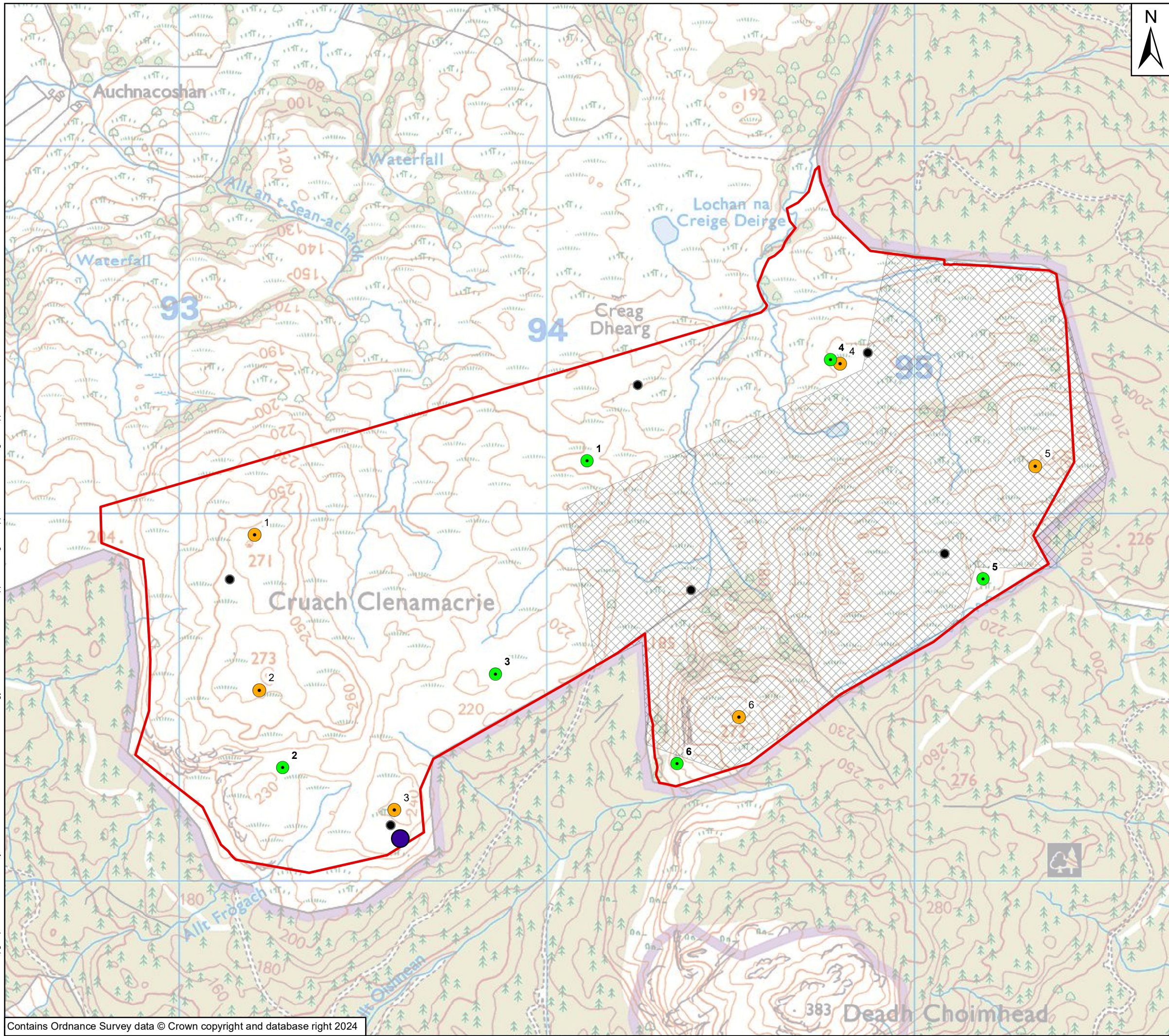
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Date: **9/17/2024** Checked: AG

Scale: **7,360 @ A3** Approved: JS

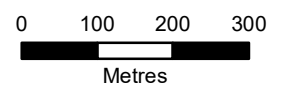


<b>Legend</b>	
	Access track working buffer
	Access Track Protected Species Study Area-Otter 200m
	Access Track Protected Species Study Area-Pine marten 250m
	Access Track Protected Species Study Area-50m-100m
	Proposed Access Route
<b>Species</b>	
	Otter spraint
	Possible mustelid scat
	Potential Roost Feature (PRF)
	Quarry
	Red squirrel
	Wood ants
	Wood ant nest
Client:	Volitalia
Project:	CRUACH CLENAMACRIE WIND FARM Project Number: 70092018
Title:	Figure 10.2.1 Protected Species Survey Results Page 4 of 4
Drawing No:	Figure 10.2.1
Date:	9/17/2024
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Checked:	AG
Approved:	JS

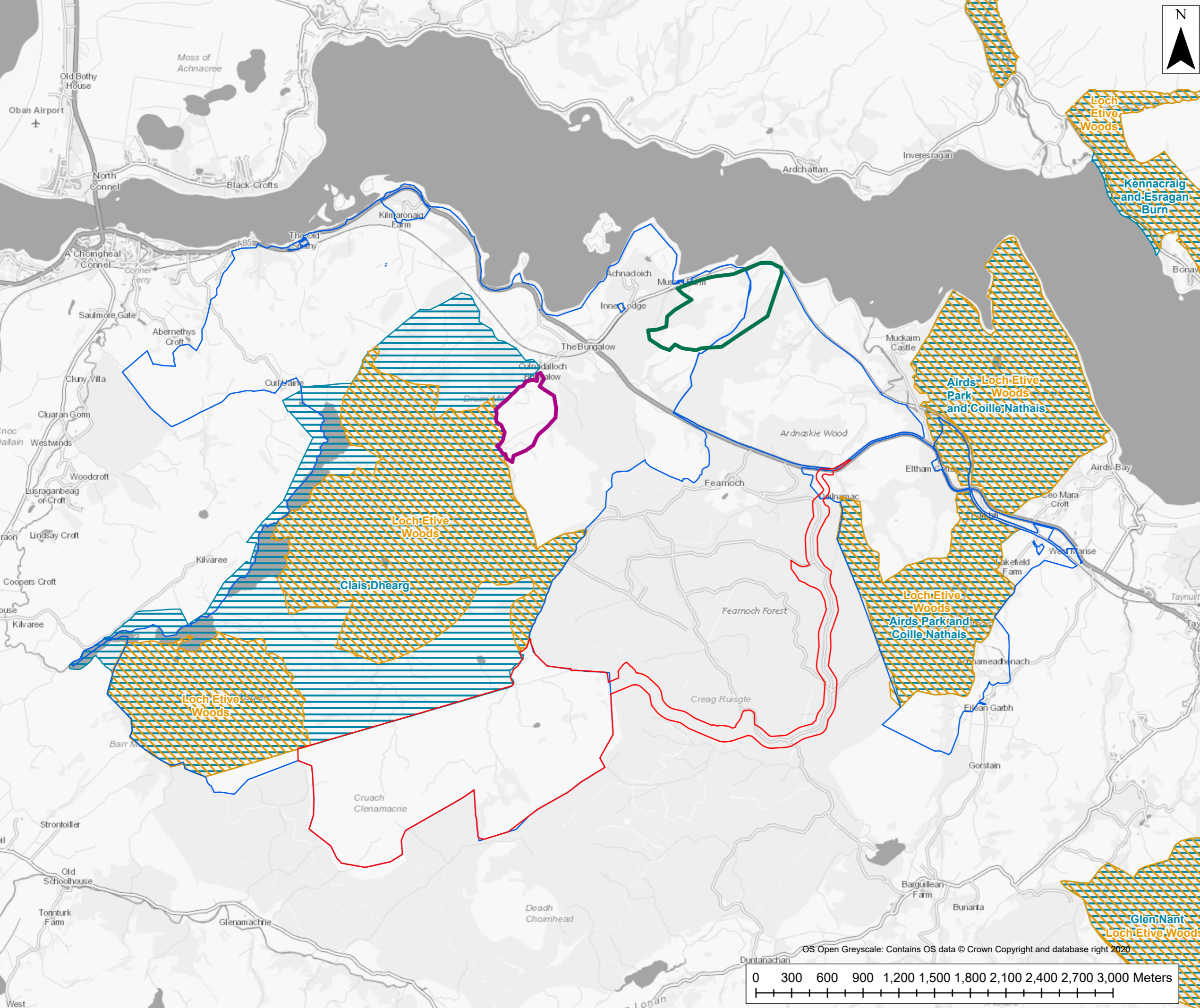


**Legend**

- Application Boundary
- Hen Harrier Nest Buffer
- Turbine Foundations
- Detector Location pre July 2022
- Detector Location post July 2022
- Rain Gauge Location



Client:	Voltalia		
Project:	CRUACH CLENAMACRIE WIND FARM Project Number: 70092018		
Title:	Figure 10.3.1 Bat Static Detector Locations		
Drawing No:	Figure 10.3.1	Drawn:	HAS
Date:	9/17/2024	Checked:	AG
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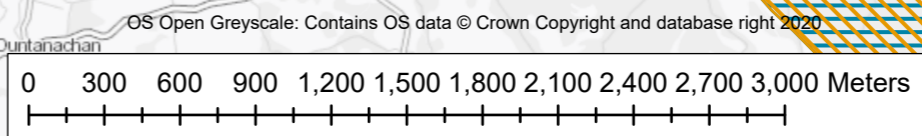


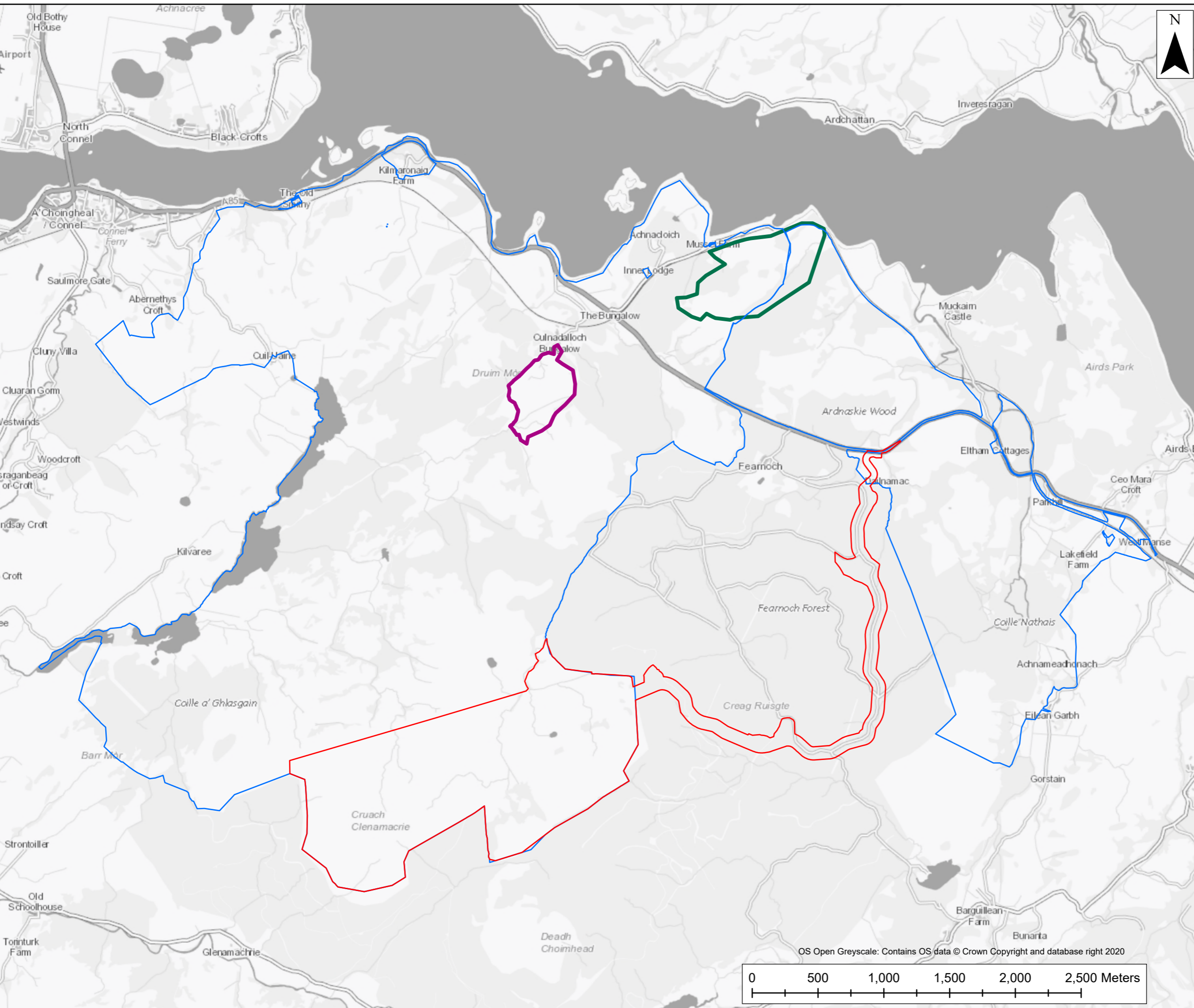
**Key**

- Application boundary
- Land ownership boundary
- Off-site Area A
- Off-site Area B
- Site of Special Scientific Interest
- Special areas of Conservation (SAC)



Client Name:			
<b>Voltaia</b>			
PROJECT TITLE:			
Cruach Clenamacrie Wind Farm EIA Report - Technical Appendix 10.5: Outline Habitat Management Plan			
DRAWING TITLE:			
<b>Designated Sites</b>			
STATUS:			
For Information			
DRAWN:	CHECKED:	APPROVED:	AUTHORISED:
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SCALE @ A3 SIZE:		DATE:	REVISION:
1:30,000		11/15/2024	P01.1
DRAWING NUMBER:			
<b>Figure 10.5.1</b>			





**Key**

- Application boundary
- Land ownership boundary
- Off-site Area A
- Off-site Area B



Client Name:  
**Voltaia**

PROJECT TITLE:  
Cruach Glenamacrie Wind Farm  
EIA Report - Technical Appendix 10.5:  
Outline Habitat Management Plan

DRAWING TITLE:  
**Land Ownership Plan**

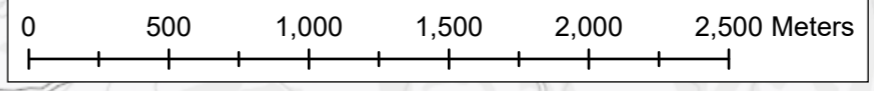
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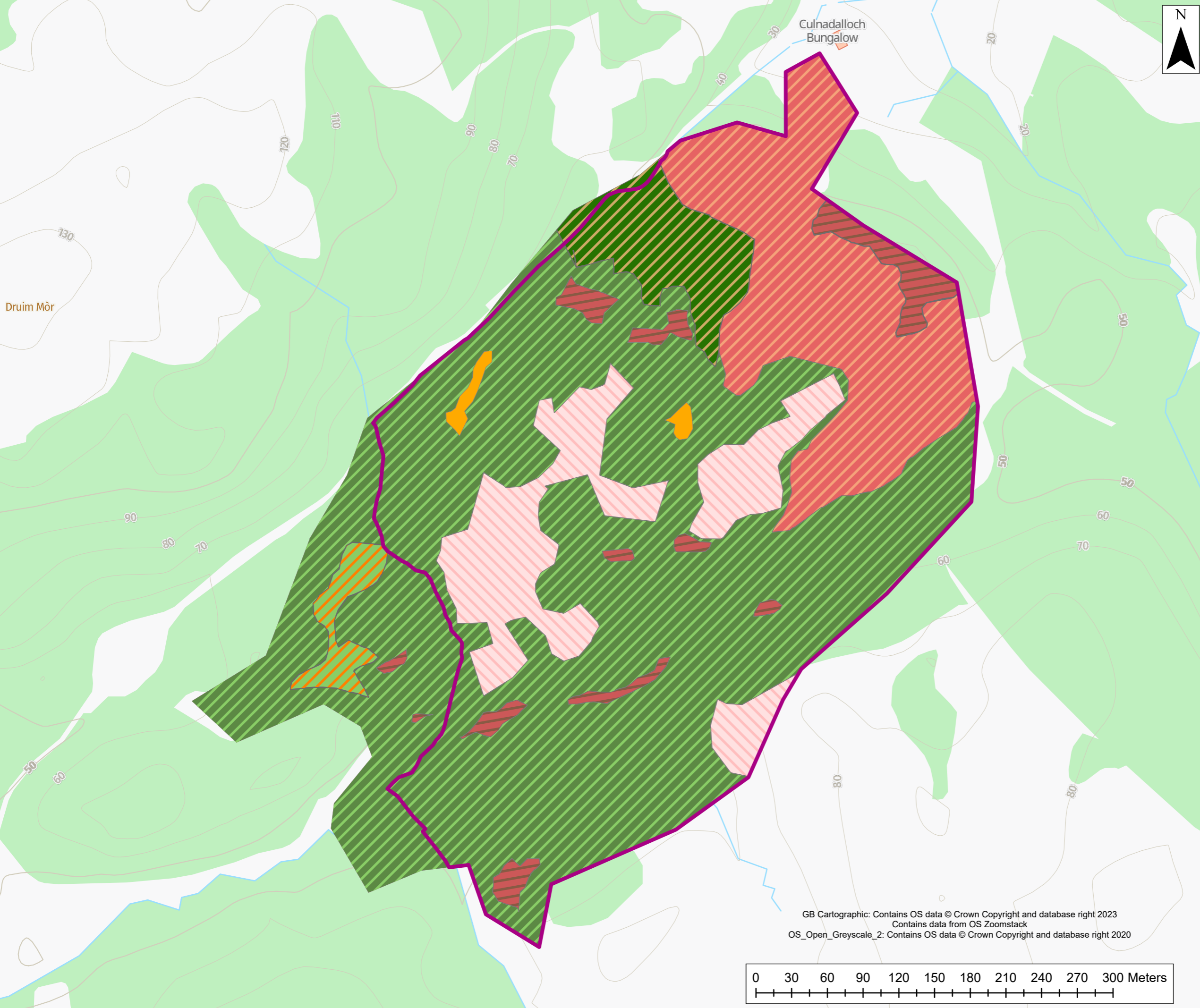
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DRAWING NUMBER:  
**Figure 10.5.2**

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**Key**

- Off-site Area A

**NVC**

- M17a
- M17a/M25
- M23b/U4
- M25
- U4
- U4/U20
- U20



Client Name:  
**Voltaia**

PROJECT TITLE:  
Cruach Clenamacrie Wind Farm  
EIA Report - Technical Appendix 10.5:  
Outline Habitat Management Plan

DRAWING TITLE:  
**Off-site Area A - NVC Plan**

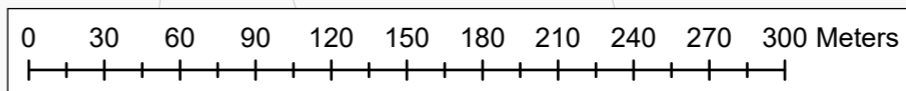
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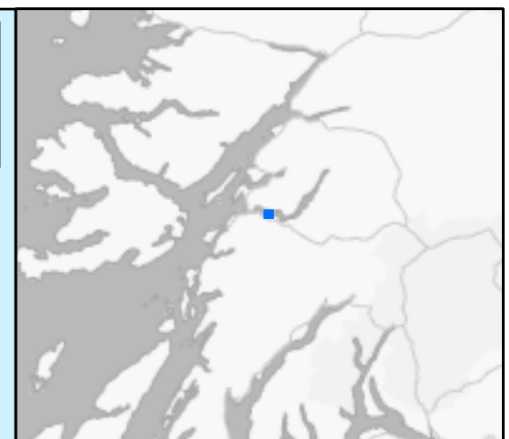
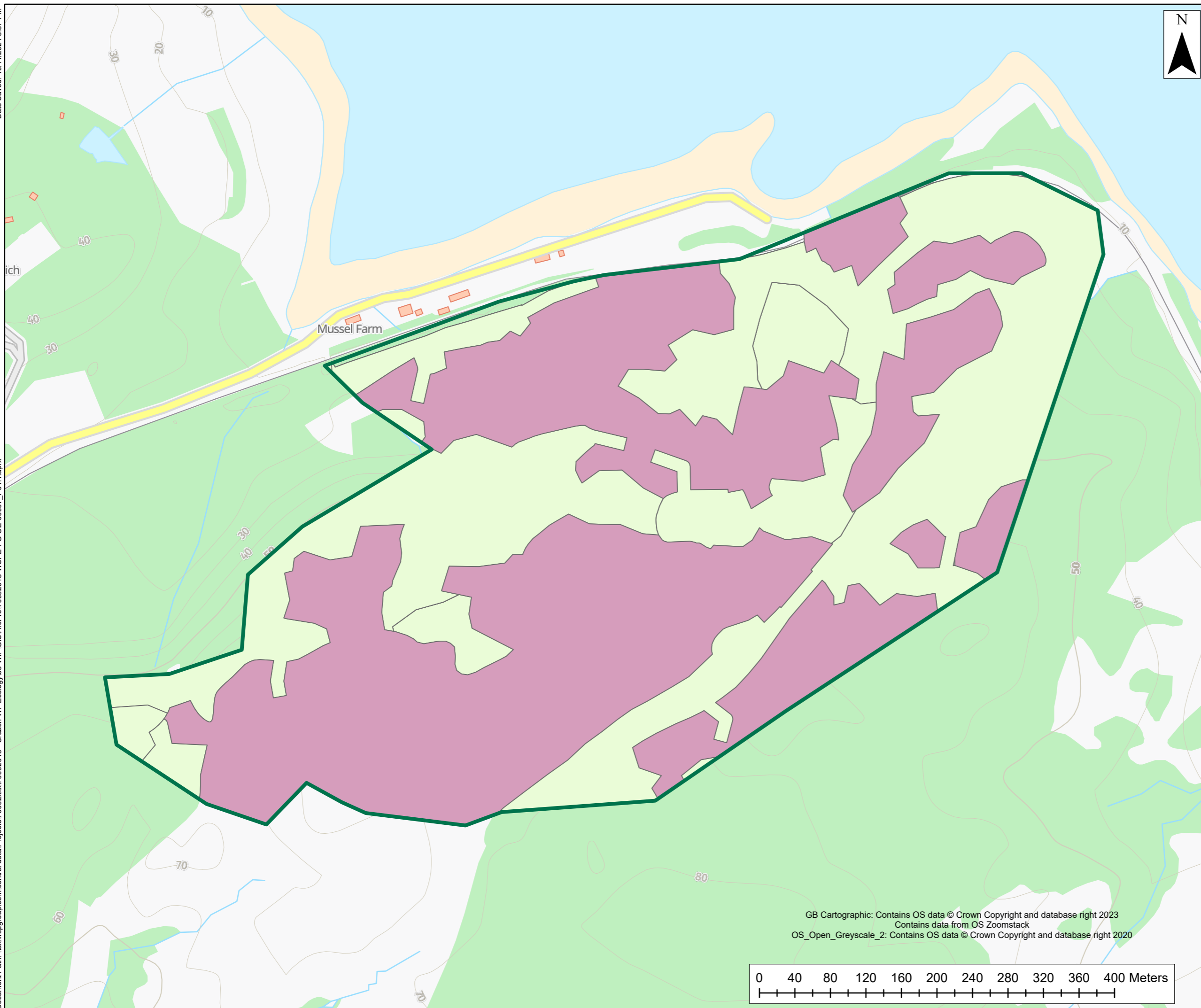
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**Figure 10.5.3**

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**Key**

- Off-site Area B

**Habitat Map of Scotland**

- Grasslands and lands dominated by forbs, mosses or lichens
- Woodland, forest and other wooded land



Client Name:  
**Volitalia**

PROJECT TITLE:  
Cruach Clenamachie Wind Farm  
EIA Report - Technical Appendix 10.5:  
Outline Habitat Management Plan

DRAWING TITLE:  
**Off-site Area B - HabMos Plan**

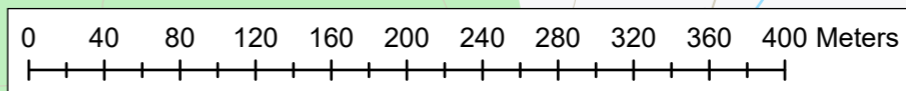
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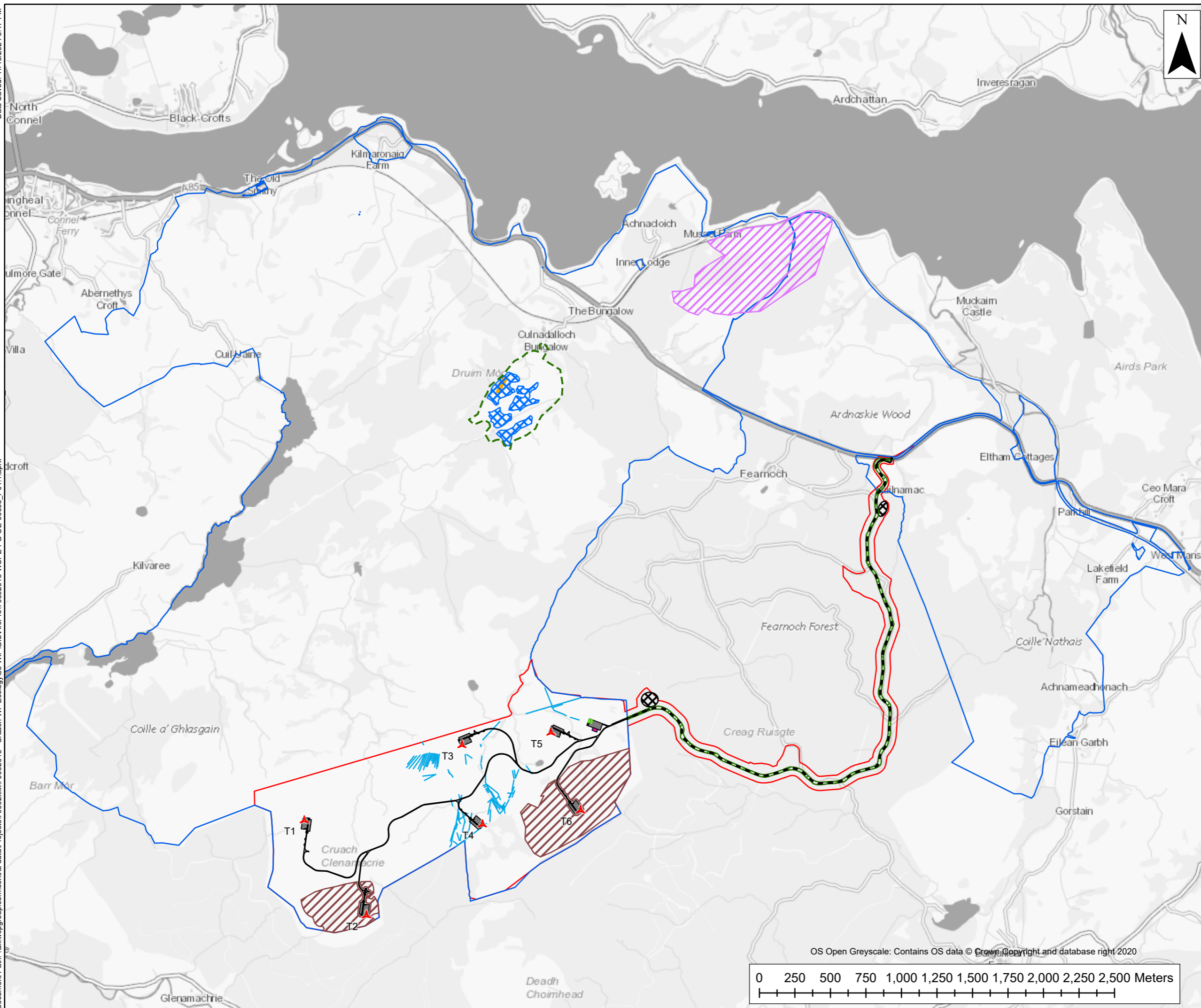
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DRAWING NUMBER:  
**Figure 10.5.4**

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**Key**

- Application boundary
- Land ownership boundary
- ▲ Proposed turbine location
- Proposed site infrastructure
- Proposed BESS components
- Proposed substation
- Borrow pit search areas
- Proposed access route

**Habitat Management Measures**

- Historical drainage ditches (HMU A)
- Removal of conifer regeneration and installation of surface peat bunds (HMU B)
- Northern emerald habitat management (HMU C)
- Bog myrtle and bracken control (HMU D)
- Grazing management area (HMU E)
- Rhododendron removal (HMU F)



Client Name:  
**Voltaia**

PROJECT TITLE:  
Cruach Clenamacrie Wind Farm  
EIA Report - Technical Appendix 10.5:  
Outline Habitat Management Plan

DRAWING TITLE:  
**Habitat Management Units Overview**

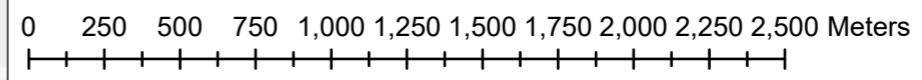
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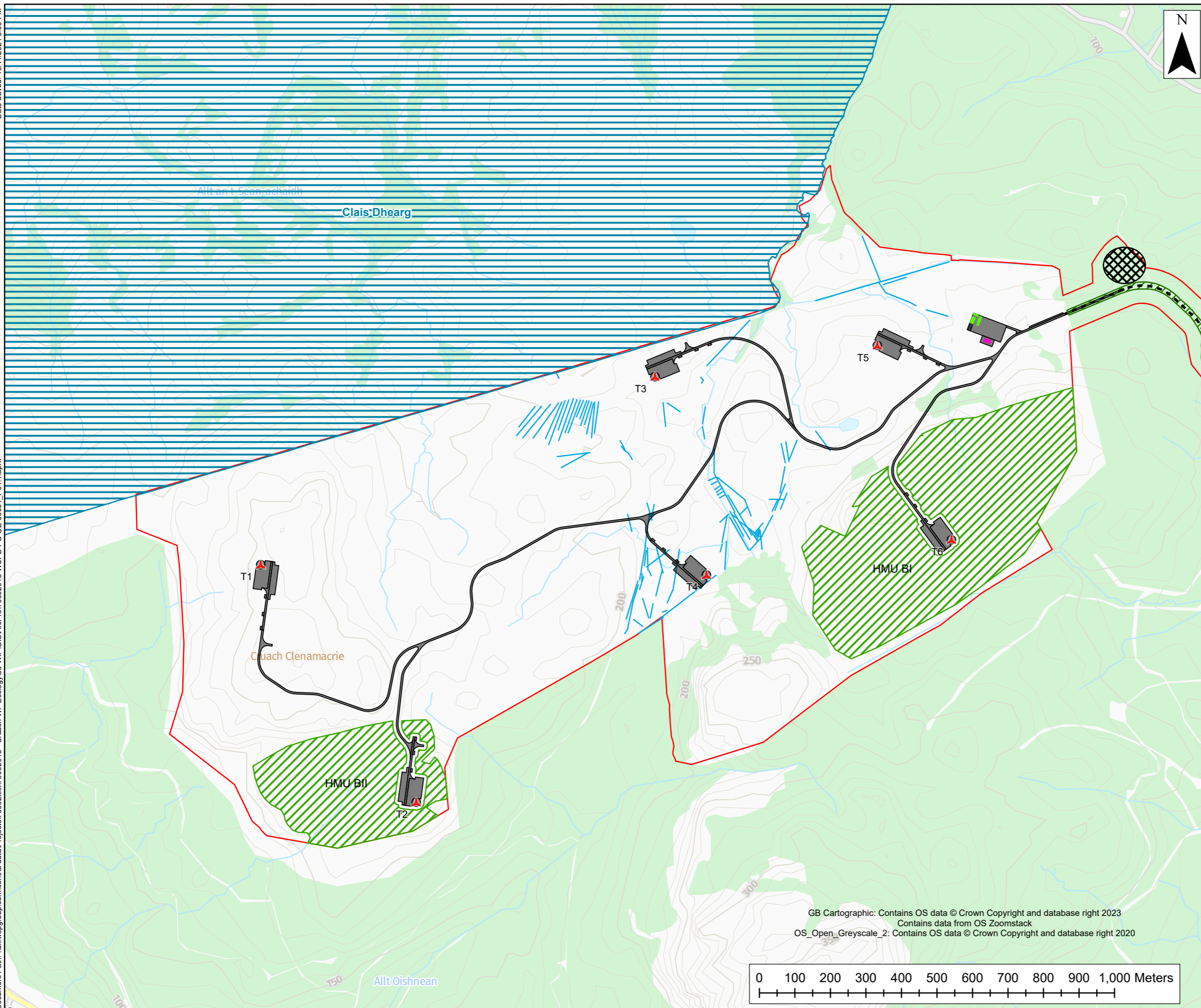
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DRAWING NUMBER:  
**Figure 10.5.5**

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**Key**

- Application boundary
- ▲ Proposed turbine location
- Proposed site infrastructure
- Proposed BESS components
- Proposed substation
- Borrow pit search areas
- Proposed access route
- Site of Special Scientific Interest
- Historical drainage ditches (HMU A)
- Removal of conifer regeneration and installation of surface peat bunds (HMU B)



Client Name:  
**Voltaia**

PROJECT TITLE:  
Cruach Clenamachie Wind Farm  
EIA Report - Technical Appendix 10.5:  
Outline Habitat Management Plan

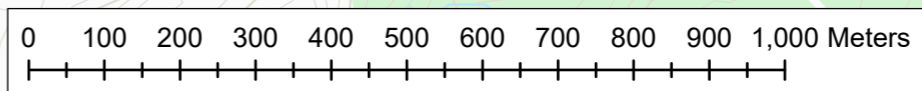
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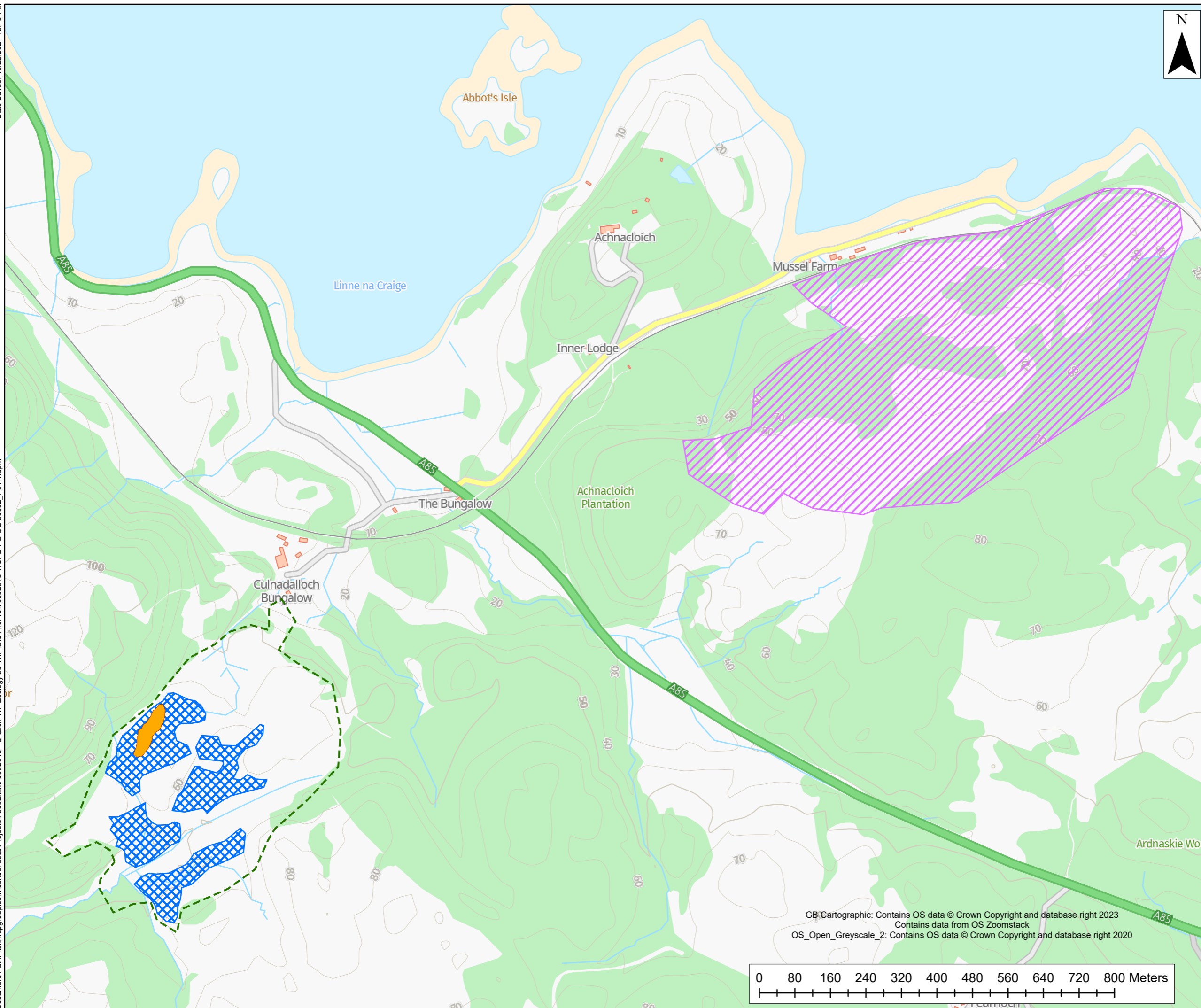
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DRAWING NUMBER:  
**Figure 10.5.6**

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- Key**
- Northern emerald habitat management (HMU C)
  - Bog myrtle and bracken control (HMU D)
  - Grazing management area (HMU E)
  - Rhododendron removal (HMU F)



Client Name:  
**Voltaia**

PROJECT TITLE:  
Cruach Clenamacrie Wind Farm  
EIA Report - Technical Appendix 10.5:  
Outline Habitat Management Plan

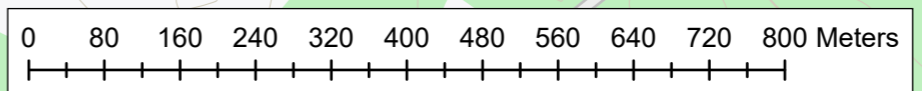
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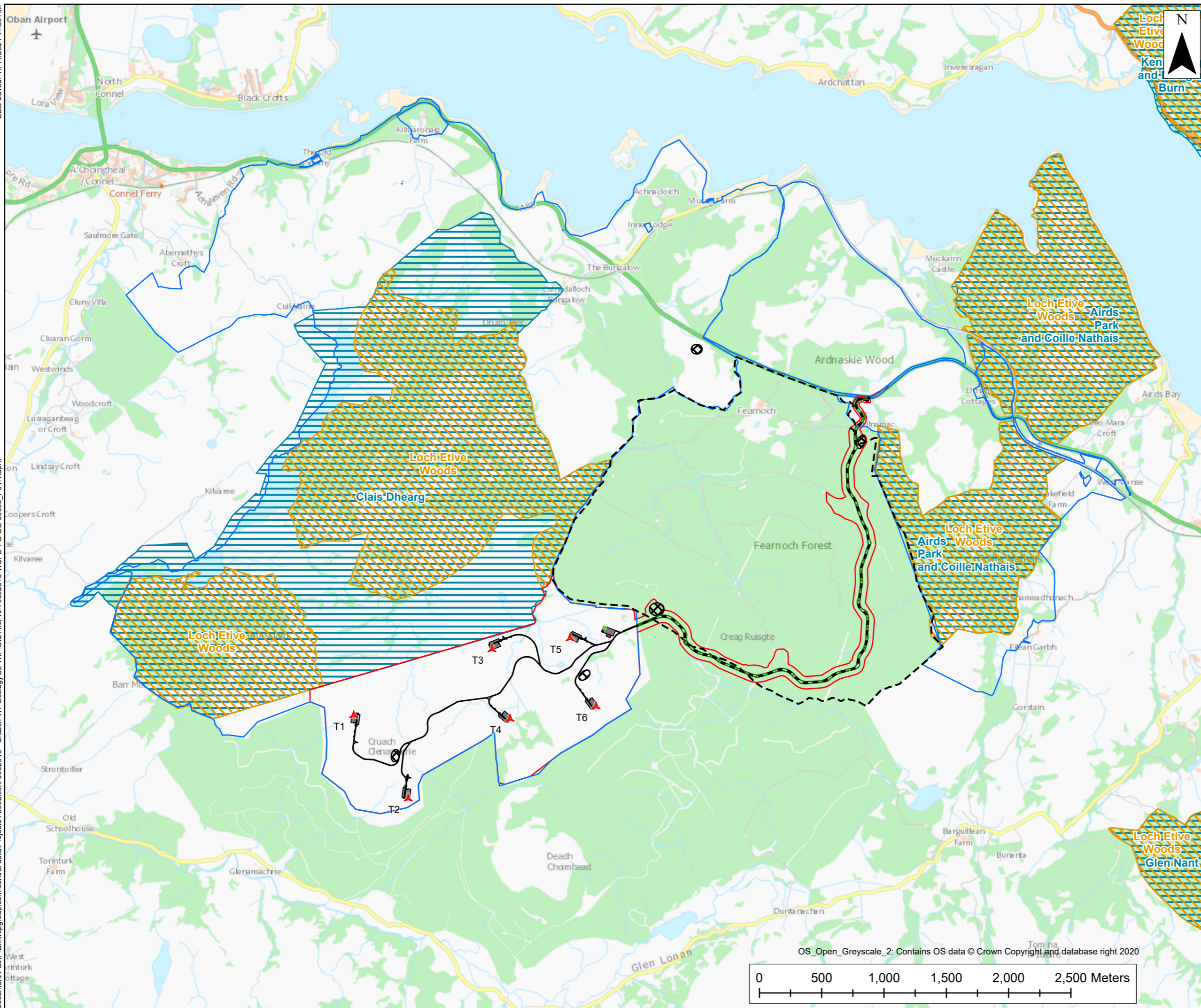
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**Figure 10.5.7**

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Contains data from OS Zoomstack  
OS\_Open\_Greyscale\_2: Contains OS data © Crown Copyright and database right 2020





- Key**
- Application boundary
  - Cruach Deer Management Area
  - ▲ Proposed turbine location
  - Proposed site infrastructure
  - Proposed BESS components
  - Proposed substation
  - Borrow pit search areas
  - Proposed access route
  - Fearnoch forest deer fence (FLS)
  - Site of Special Scientific Interest
  - Special areas of Conservation (SAC)



Client Name:  
**Volitalia**

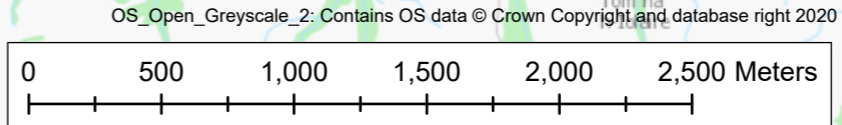
PROJECT TITLE:  
Cruach Clenamachie Wind Farm  
EIA Report - Technical Appendix 10.6:  
Deer Management Plan

DRAWING TITLE:  
**Deer Management Plan**

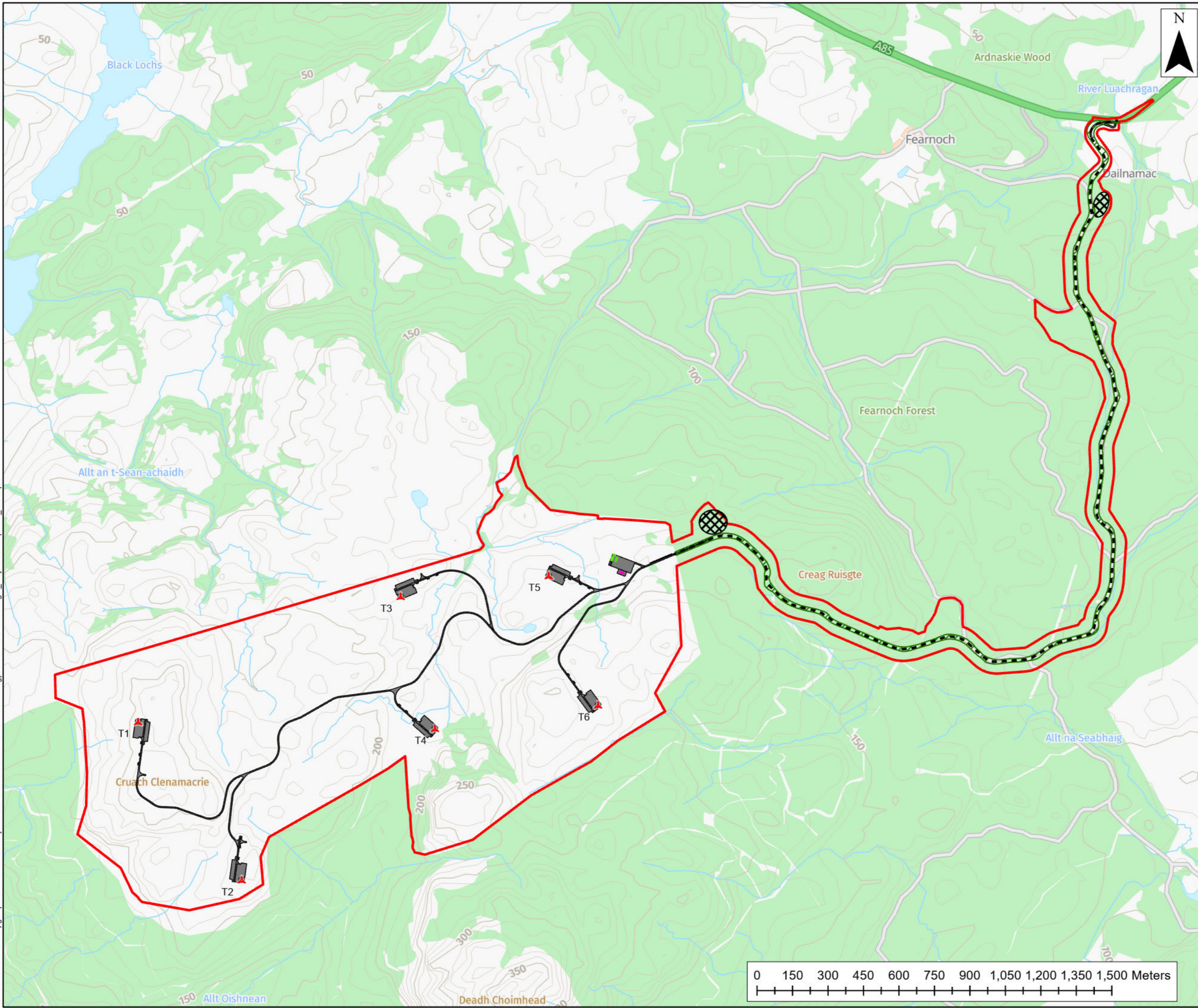
STATUS:  
For Information

DRAWN: GP	CHECKED: AM	APPROVED: XX	AUTHORISED: XX
SCALE @ A3 SIZE: 1:28,500		DATE: 11/14/2024	REVISION: P01.1

DRAWING NUMBER:  
**Figure 10.6.1**



OS\_Open\_Greyscale\_2: Contains OS data © Crown Copyright and database right 2020



**Key**

- Application boundary
- ▲ Proposed turbine location
- Proposed site infrastructure
- Proposed BESS components
- Proposed substation
- Borrow pit search areas
- Proposed access route
- Tree clearance area

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Client Name: **Voltaia**

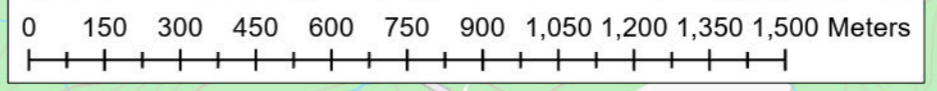
PROJECT TITLE:  
**Cruach Clenamacrie Wind Farm  
 Habitats Regulations Appraisal Screening**

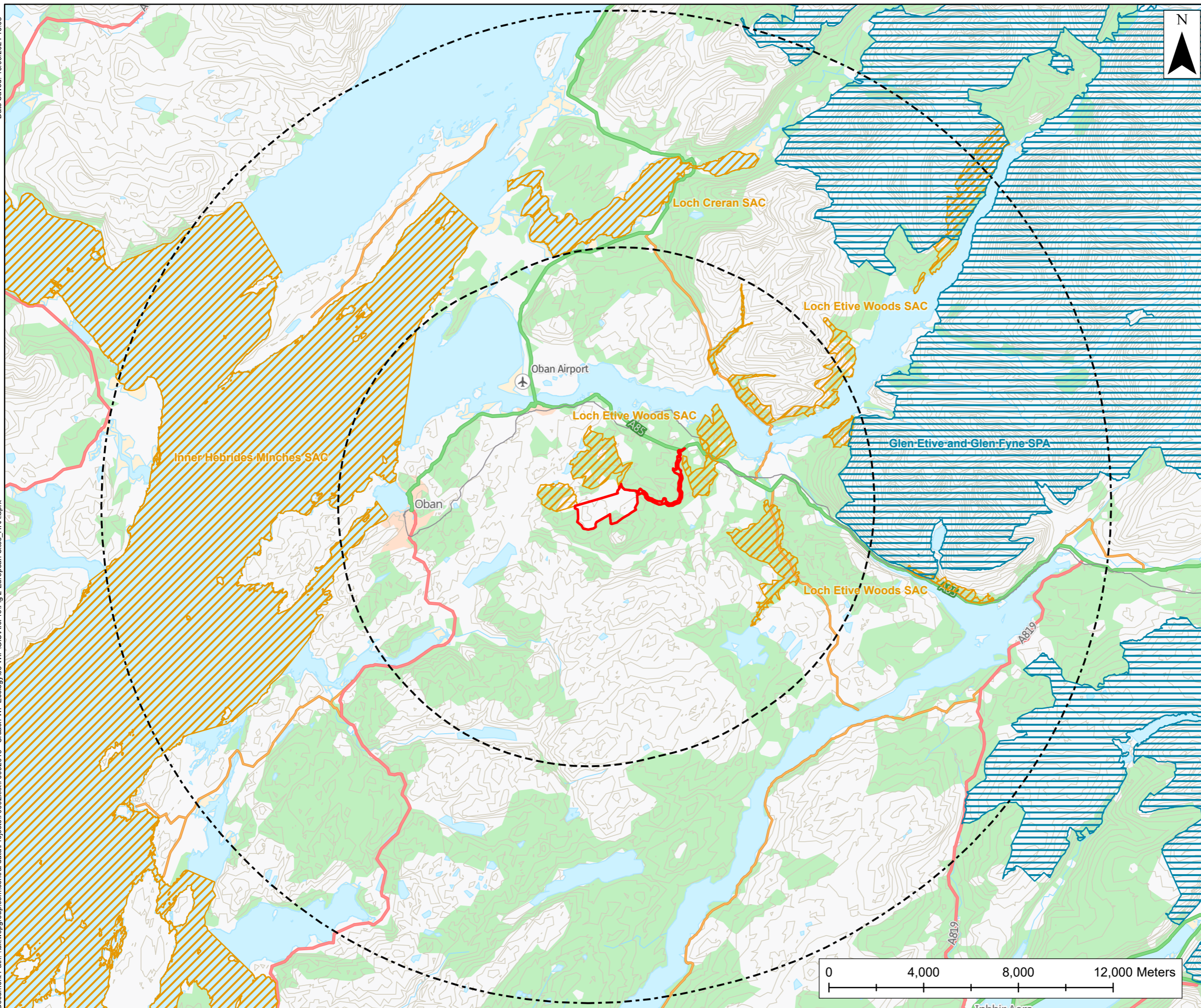
DRAWING TITLE:  
**Proposed development**

STATUS:  
**For Information**

DRAWN: GP	REVIEWED: CH	APPROVED: SK	AUTHORISED: --
SCALE @ A3 SIZE: 1:15,000		DATE: 11/15/2024	REVISION: P01.1

DRAWING NUMBER:  
**Figure 10.7.1**





- Key**
- Application boundary
  - 10km buffer from main site
  - 20km buffer from main site
  - Special Protection Area (SPA)
  - Special areas of Conservation (SAC)

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 Contains data from OS Zoomstack  
 OS\_Open\_Greyscale\_2: Contains OS data © Crown Copyright and database right 2020



Client Name: **Volitalia**

PROJECT TITLE:  
**Cruach Clenamacrie Wind Farm  
 Habitats Regulations Appraisal Screening**

DRAWING TITLE:  
**European sites**

STATUS:  
**For Information**

DRAWN: GP	REVIEWED: CH	APPROVED: SK	AUTHORISED: --
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SCALE @ A3 SIZE: 1:150,000	DATE: 13/09/2024	REVISION: P01.1
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DRAWING NUMBER:  
**Figure 10.7.2**

