



**KEY**

Site Boundary

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Coordinate System: British National Grid  
 Projection: Transverse Mercator

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 Ordnance Survey 0100031673

0 0.1 0.2 0.4 0.6 0.8 1  
 Kilometres

1:20,000

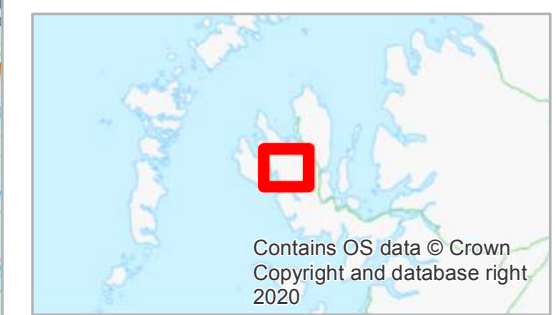
Glen Ullinish Coastal Delivery/ 6111  
 Scoping Report

**Figure 2.1  
 Site Location**

Date:	Lead:	Review:	Version:
13/02/2024	AJM	BF	1.0

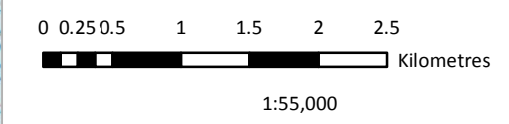


- KEY**
- Site Boundary
  - Glen Ullinish Wind Farm Site Boundary
  - Glen Ullinish Wind Farm Infrastructure



Coordinate System: British National Grid  
 Projection: Transverse Mercator

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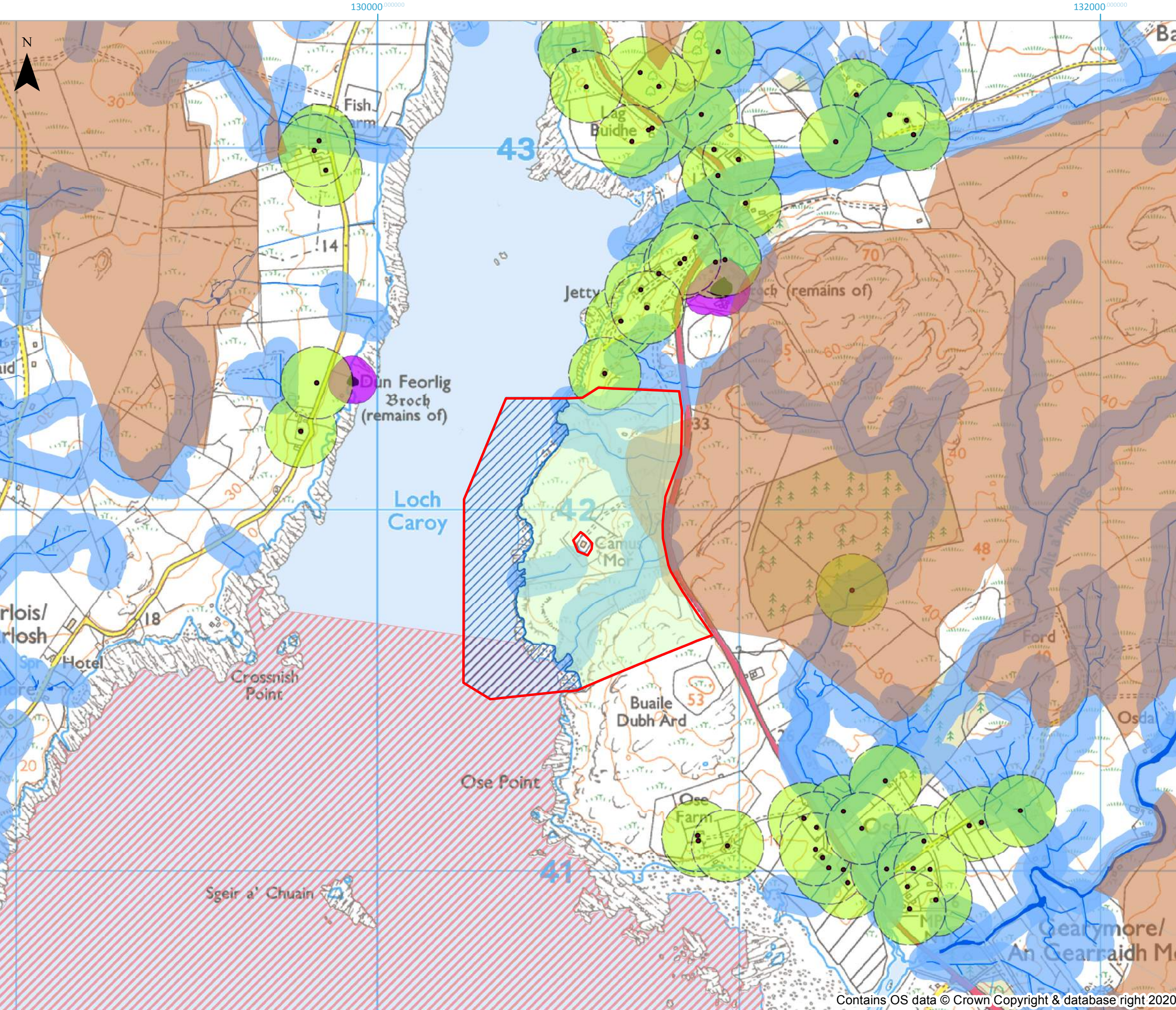


Glen Ullinish Coastal Delivery / 6111  
 Scoping Report

**Figure 2.2**  
**Location of Proposed Development in relation to the Glen Ullinish Windfarm**

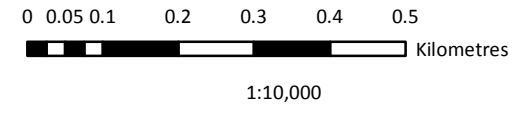
Date:	Lead:	Review:	Version:
13/02/2024	AJM	BF	1.0

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- KEY**
- Site Boundary
  - Marine Scotland Marine License Area (15.6 hectares)
  - The Highland Council Planning Application Area (29.8 hectares)
  - 10Km buffer
- Carbon and Peatland 2016 Importance**
- Class 1
  - Class 2
- Gardens and Designated Landscapes**
- Potential Residential Receptors
  - Potential Residential Receptors 100m Buffer
  - Scheduled Monuments
  - Scheduled Monuments 50m Buffer
  - Special Areas of Conservation
  - Surface Water Areas
  - Surface Water Lines and Surface Watercourses
  - Surface Waterlines and Watercourses 50m Buffer

Coordinate System: British National Grid  
 Projection: Transverse Mercator

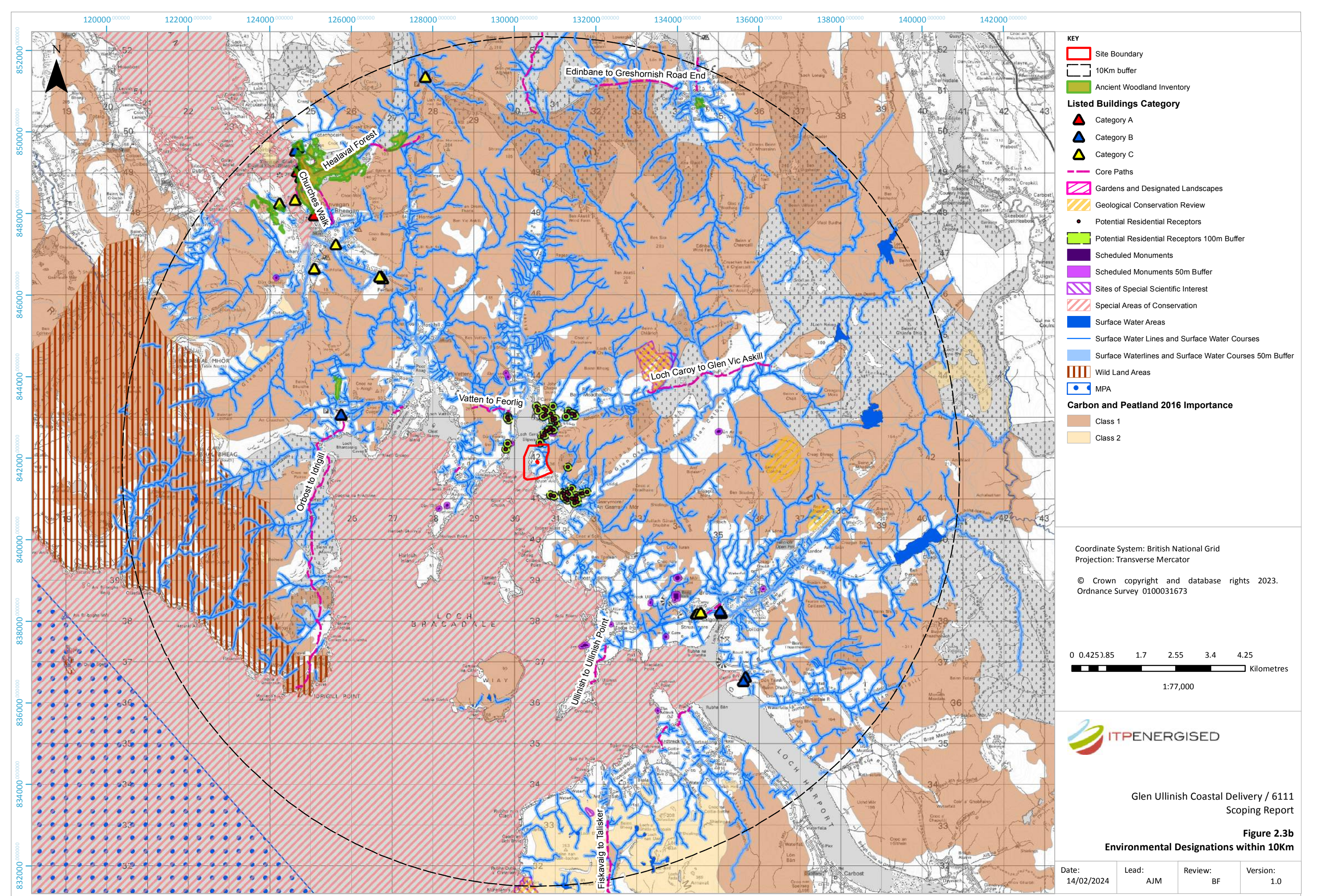


Glen Ullinish Coastal Delivery / 6111  
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**Figure 2.3a**  
**On-Site Environmental Designations**

Date: 13/02/2024	Lead: AJM	Review: BF	Version: 1.0
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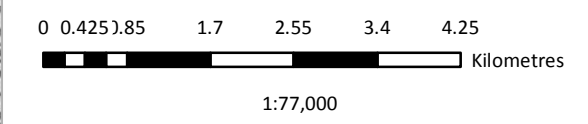
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- KEY**
- Site Boundary
  - 10Km buffer
  - Ancient Woodland Inventory
- Listed Buildings Category**
- Category A
  - Category B
  - Category C
  - Core Paths
  - Gardens and Designated Landscapes
  - Geological Conservation Review
  - Potential Residential Receptors
  - Potential Residential Receptors 100m Buffer
  - Scheduled Monuments
  - Scheduled Monuments 50m Buffer
  - Sites of Special Scientific Interest
  - Special Areas of Conservation
  - Surface Water Areas
  - Surface Water Lines and Surface Water Courses
  - Surface Waterlines and Surface Water Courses 50m Buffer
  - Wild Land Areas
  - MPA
- Carbon and Peatland 2016 Importance**
- Class 1
  - Class 2

Coordinate System: British National Grid  
 Projection: Transverse Mercator

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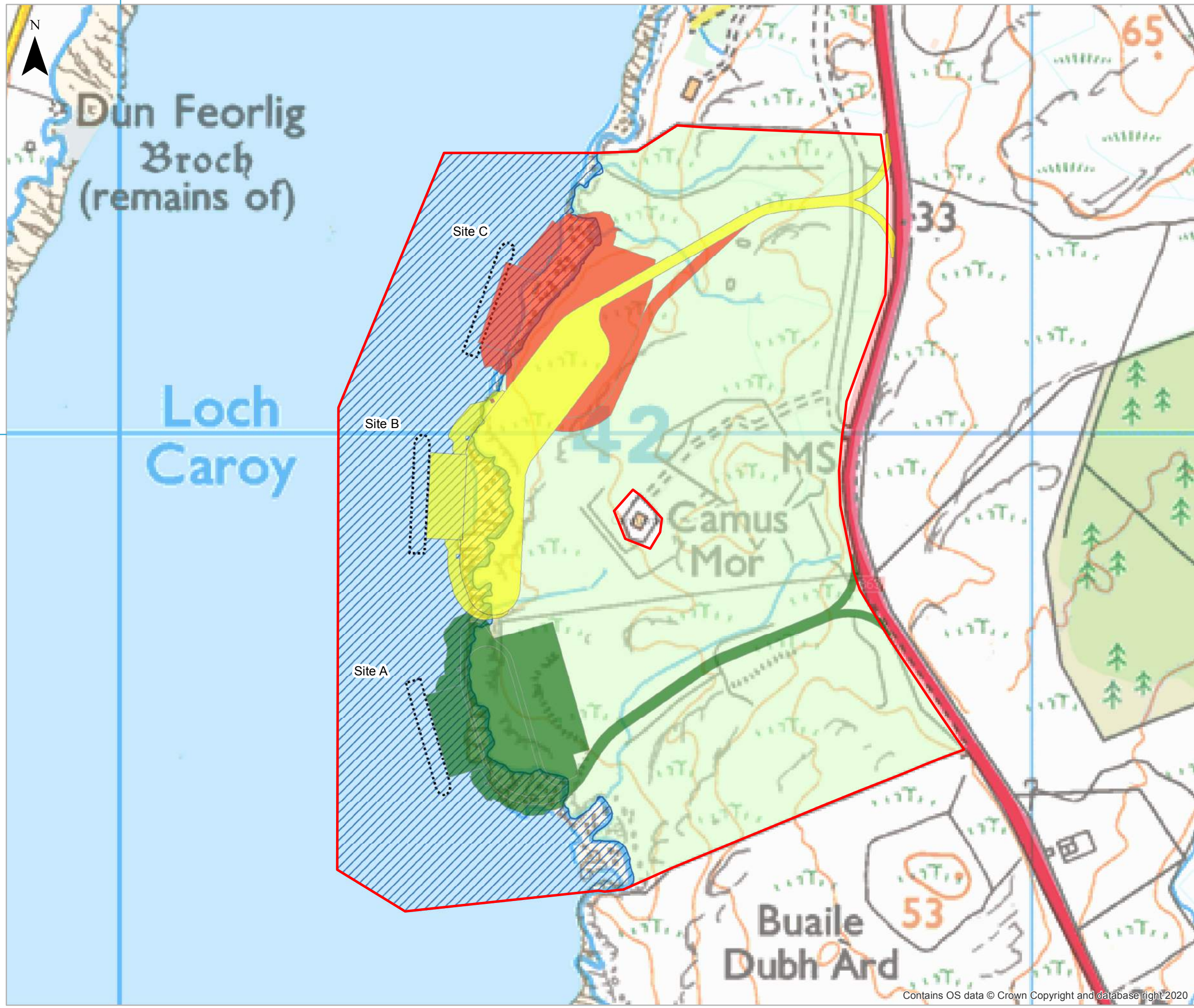


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 Scoping Report

**Figure 2.3b**  
**Environmental Designations within 10Km**

Date: 14/02/2024	Lead: AJM	Review: BF	Version: 1.0
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130000 000000

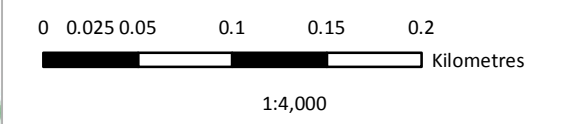


- KEY**
- Site Boundary
  - Potential Site Options**
  - SITE A
  - SITE B
  - SITE C
  - Docked Vessel
  - Marine Scotland Marine License Area (15.6 hectares)
  - The Highland Council Planning Application Area (29.8 hectares)



Coordinate System: British National Grid  
 Projection: Transverse Mercator

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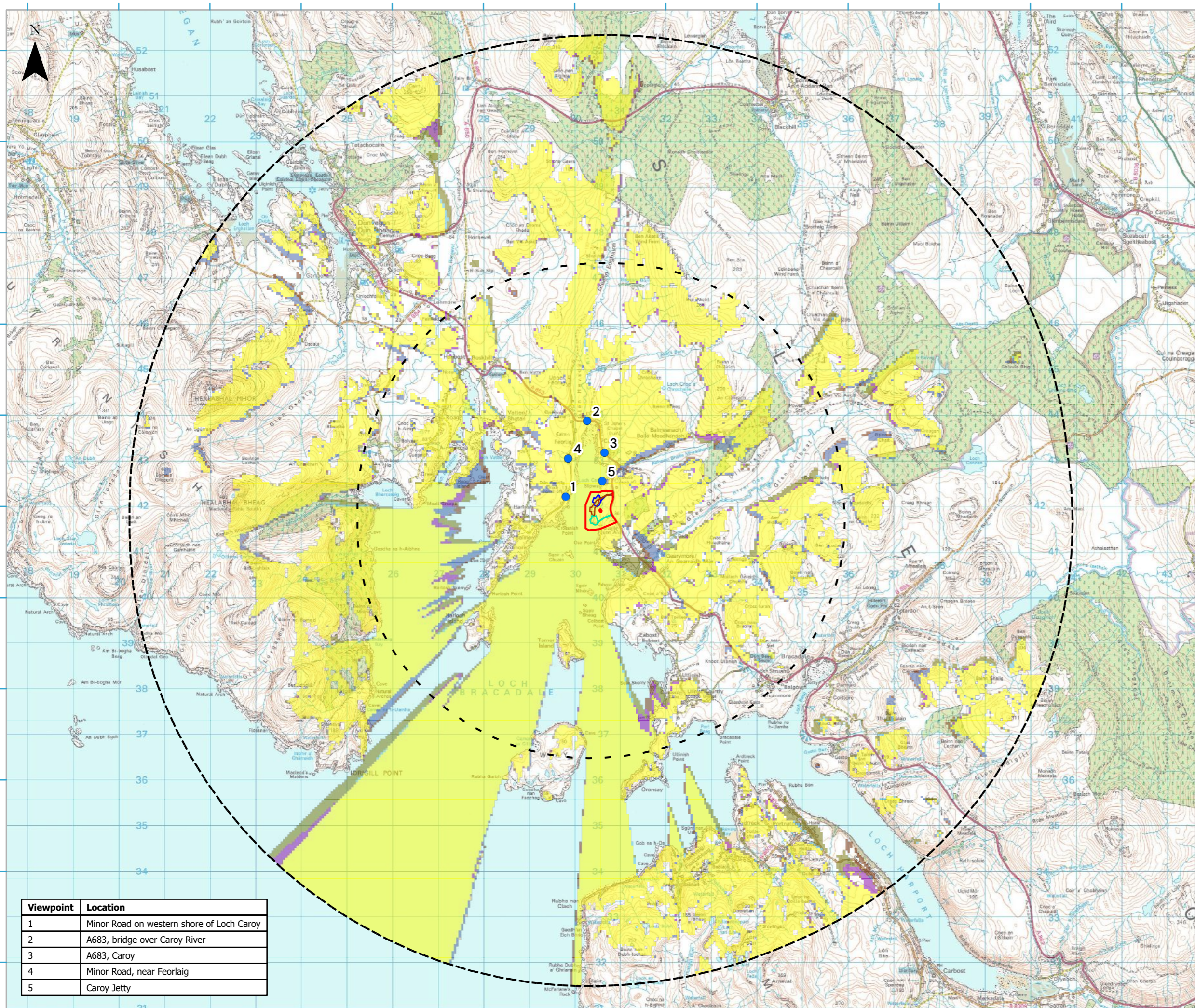


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**Figure 2.4**  
**Proposed Development Layout with**  
**Site Options A, B & C**

Date:	Lead:	Review:	Version:
13/02/2024	AJM	BF	2

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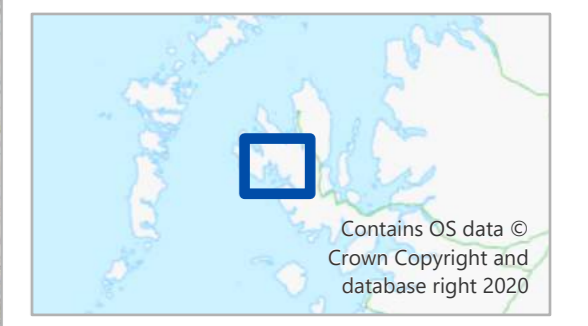
**KEY**

- Site Boundary
- Study Area 5km
- Study Area 10km
- Site Option A Boundary
- Site Option B Boundary
- Site Option C Boundary
- Viewpoint Location

- Zone of Theoretical Visibility - 50m Development Height
- Site Option A Visible Only
- Site Option B Visible Only
- Site Option C Visible Only
- Site Options A and B Visible
- Site Options A and C Visible
- Site Options B and C Visible
- All Site Options Visible

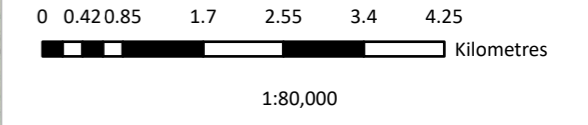
- DTM data used in calculations is OS Terrain 5 out to 5 km and OS Terrain 50 out to 10 km.
- Viewer height set at 2m
- Calculations include earth curvature and light refraction.
- Model assumes bare earth scenario.

NB. This Zone of Theoretical Visibility (ZTV) image illustrates the theoretical extent of where the development may be visible from, assuming 100% atmospheric visibility.



Coordinate System: British National Grid  
Projection: Transverse Mercator

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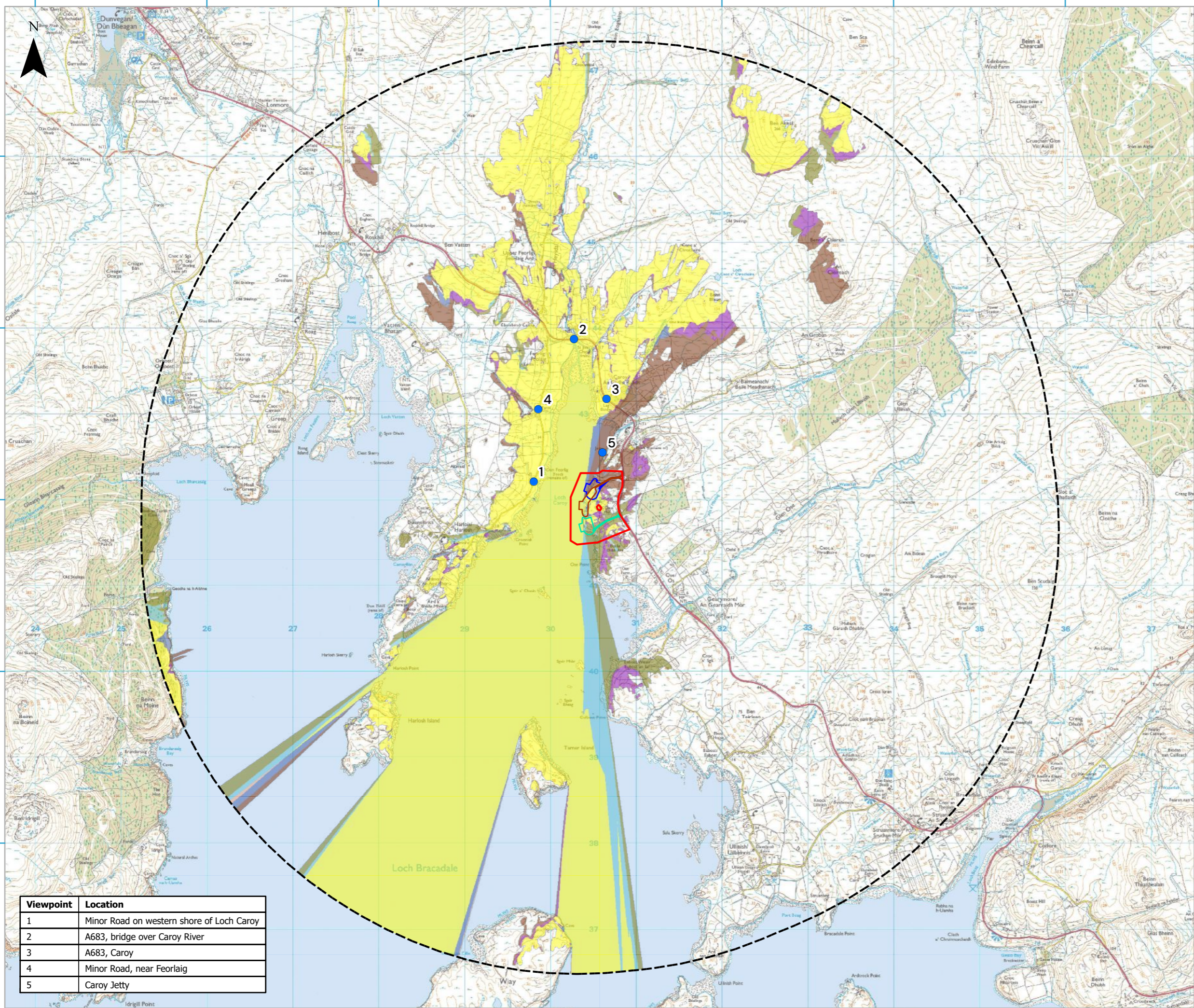
Viewpoint	Location
1	Minor Road on western shore of Loch Caroy
2	A683, bridge over Caroy River
3	A683, Caroy
4	Minor Road, near Feorlaig
5	Caroy Jetty



Glen Ullinish Coastal Delivery Scoping Report

**Figure 5.1**  
**Zone of Theoretical Visibility to 10 km**

Date:	Lead:	Review:	Version:
13/02/2024	FH	DT	1.A



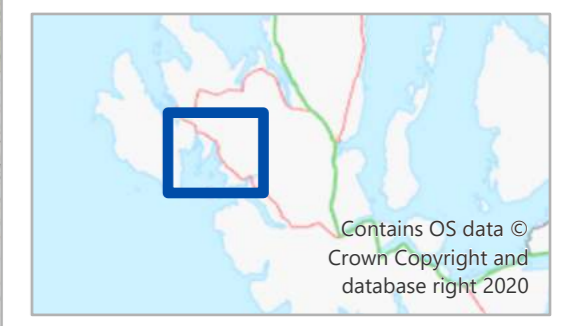
**KEY**

- Site Boundary
- Study Area 5km
- Site Option A Boundary
- Site Option B Boundary
- Site Option C Boundary
- Viewpoint Location

- Zone of Theoretical Visibility - 8m Development Height
- Site Option A Visible Only
- Site Option B Visible Only
- Site Option C Visible Only
- Site Options A and B Visible
- Site Options A and C Visible
- Site Options B and C Visible
- All Site Options Visible

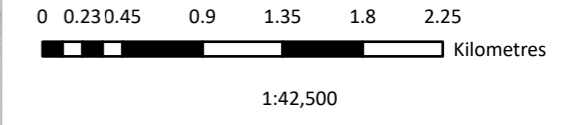
- DTM data used in calculations is OS Terrain 5.  
 - Viewer height set at 2m  
 - Calculations include earth curvature and light refraction.  
 - Model assumes bare earth scenario.

NB. This Zone of Theoretical Visibility (ZTV) image illustrates the theoretical extent of where the development may be visible from, assuming 100% atmospheric visibility.



Coordinate System: British National Grid  
 Projection: Transverse Mercator

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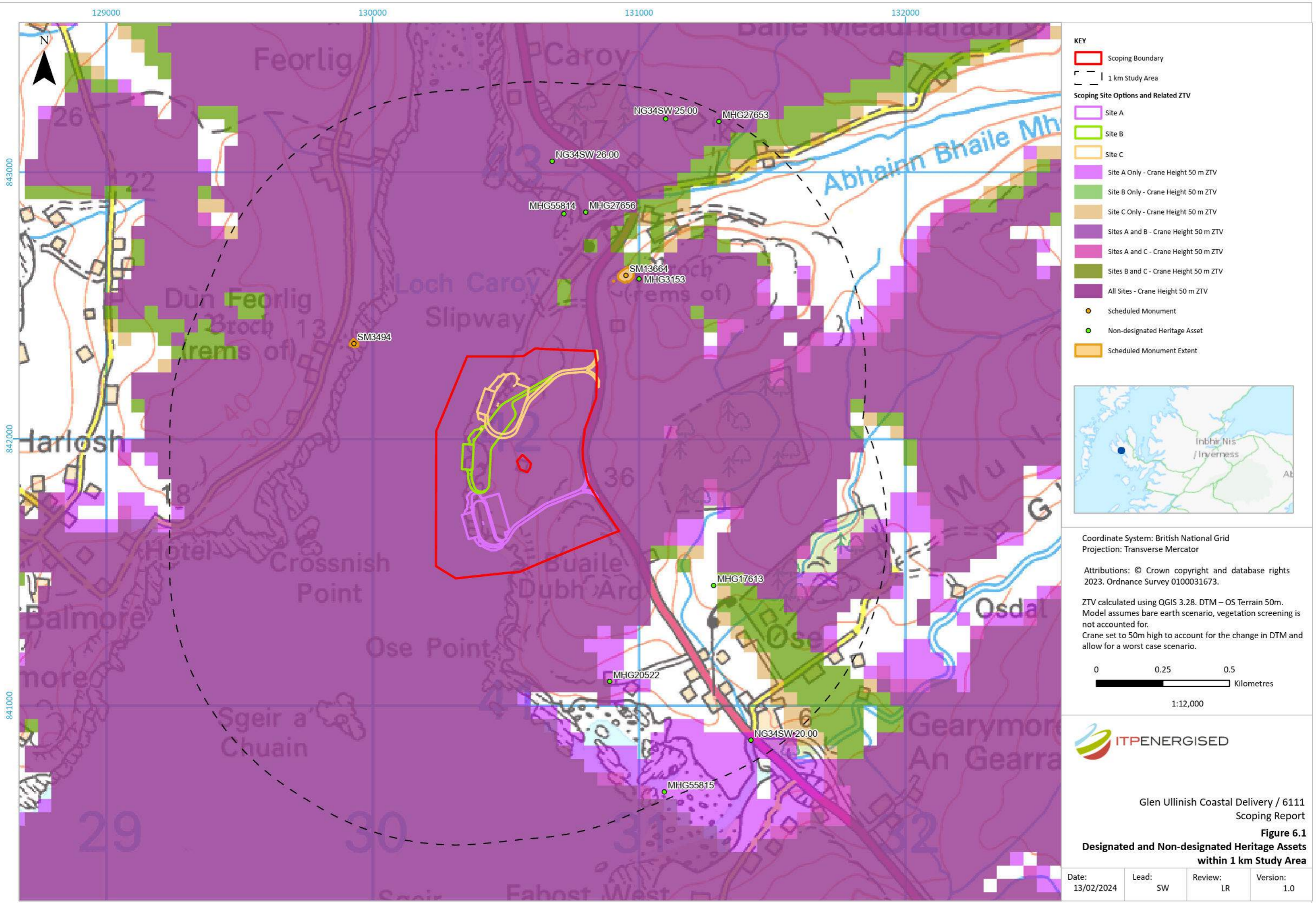


Viewpoint	Location
1	Minor Road on western shore of Loch Caroy
2	A683, bridge over Caroy River
3	A683, Caroy
4	Minor Road, near Feorlaig
5	Caroy Jetty



Glen Ullinish Coastal Delivery Scoping Report  
**Figure 5.2**  
**Zone of Theoretical Visibility to 5km**

Date:	Lead:	Review:	Version:
13/02/2024	FH	DT	1.A



- KEY**
- Scoping Boundary
  - 1 km Study Area
  - Scoping Site Options and Related ZTV**
  - Site A
  - Site B
  - Site C
  - Site A Only - Crane Height 50 m ZTV
  - Site B Only - Crane Height 50 m ZTV
  - Site C Only - Crane Height 50 m ZTV
  - Sites A and B - Crane Height 50 m ZTV
  - Sites A and C - Crane Height 50 m ZTV
  - Sites B and C - Crane Height 50 m ZTV
  - All Sites - Crane Height 50 m ZTV
  - Scheduled Monument
  - Non-designated Heritage Asset
  - Scheduled Monument Extent



Coordinate System: British National Grid  
 Projection: Transverse Mercator

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ZTV calculated using QGIS 3.28. DTM – OS Terrain 50m. Model assumes bare earth scenario, vegetation screening is not accounted for. Crane set to 50m high to account for the change in DTM and allow for a worst case scenario.

0 0.25 0.5  
 Kilometres  
 1:12,000

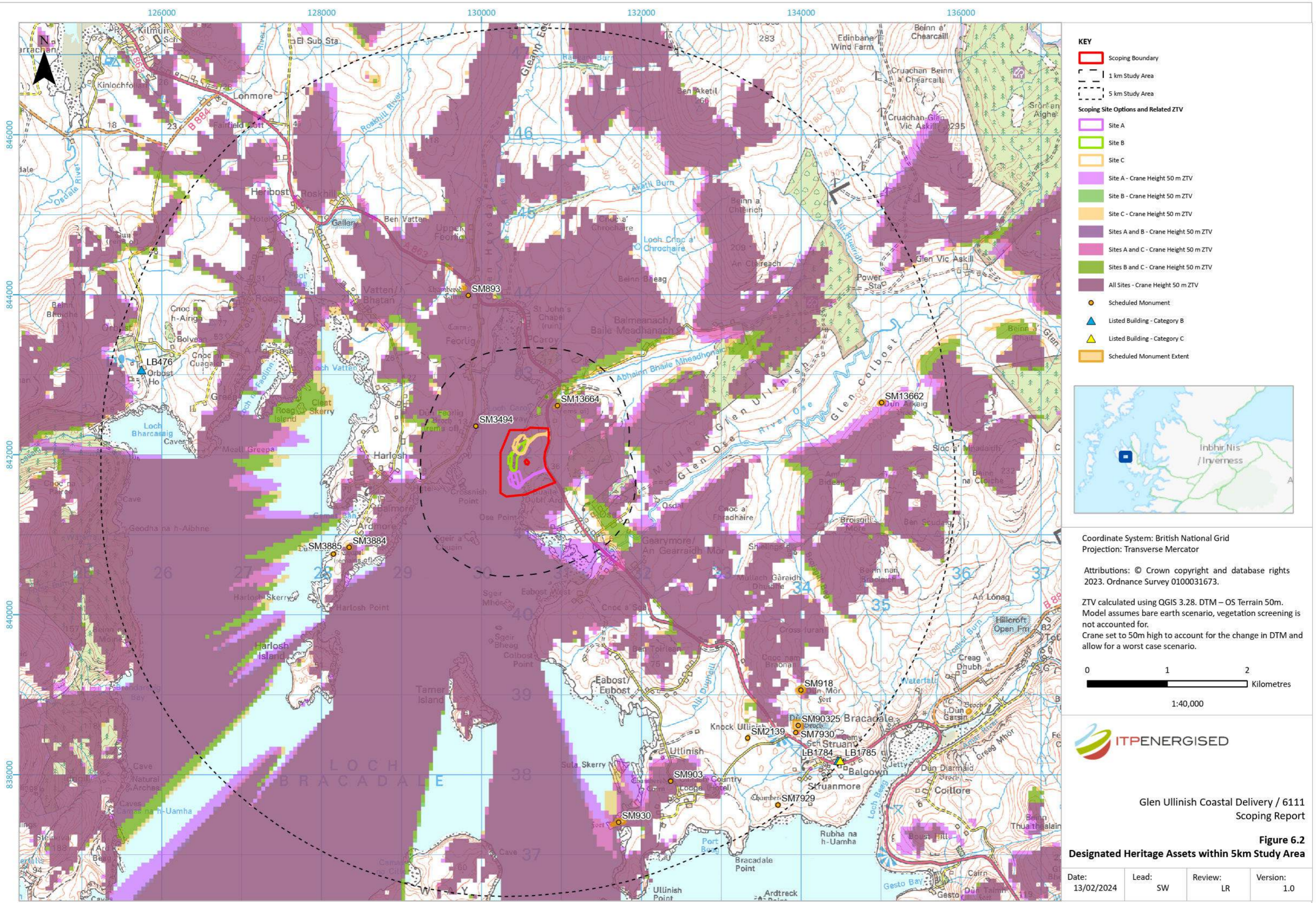
**ITPENERGISED**

Glen Ullinish Coastal Delivery / 6111  
 Scoping Report

**Figure 6.1**  
**Designated and Non-designated Heritage Assets**  
**within 1 km Study Area**

Date:	Lead:	Review:	Version:
13/02/2024	SW	LR	1.0





**KEY**

- Scoping Boundary
- 1 km Study Area
- 5 km Study Area

**Scoping Site Options and Related ZTV**

- Site A
- Site B
- Site C
- Site A - Crane Height 50 m ZTV
- Site B - Crane Height 50 m ZTV
- Site C - Crane Height 50 m ZTV
- Sites A and B - Crane Height 50 m ZTV
- Sites A and C - Crane Height 50 m ZTV
- Sites B and C - Crane Height 50 m ZTV
- All Sites - Crane Height 50 m ZTV

- Scheduled Monument
- ▲ Listed Building - Category B
- ▲ Listed Building - Category C
- Scheduled Monument Extent



Coordinate System: British National Grid  
 Projection: Transverse Mercator

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ZTV calculated using QGIS 3.28. DTM – OS Terrain 50m. Model assumes bare earth scenario, vegetation screening is not accounted for. Crane set to 50m high to account for the change in DTM and allow for a worst case scenario.

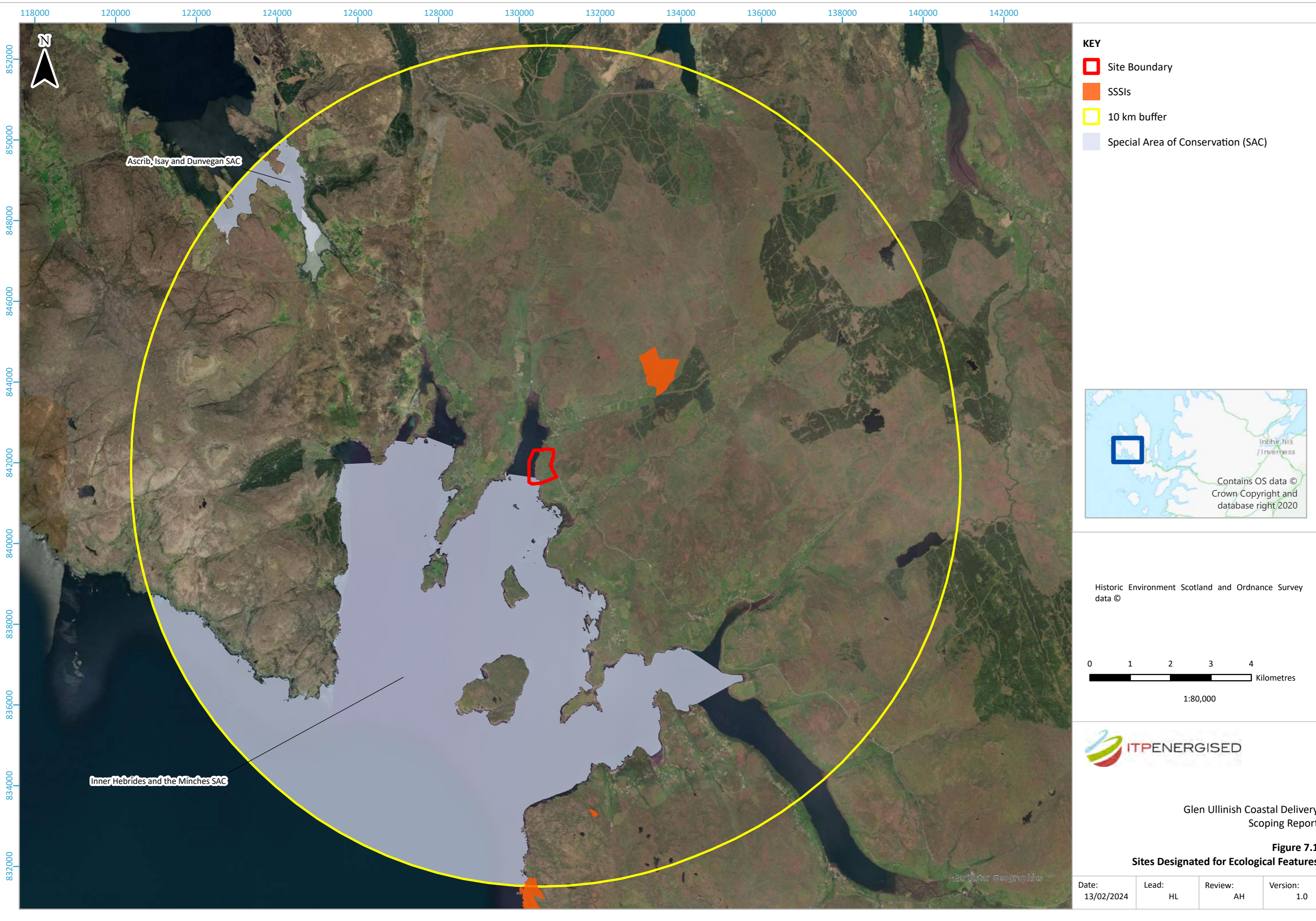
0 1 2  
 Kilometres  
 1:40,000

**ITPENERGISED**

Glen Ullinish Coastal Delivery / 6111  
 Scoping Report

**Figure 6.2**  
 Designated Heritage Assets within 5km Study Area

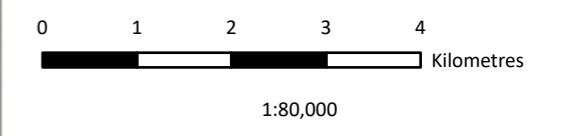
Date:	Lead:	Review:	Version:
13/02/2024	SW	LR	1.0



- KEY**
- Site Boundary
  - SSSIs
  - 10 km buffer
  - Special Area of Conservation (SAC)



Historic Environment Scotland and Ordnance Survey data ©

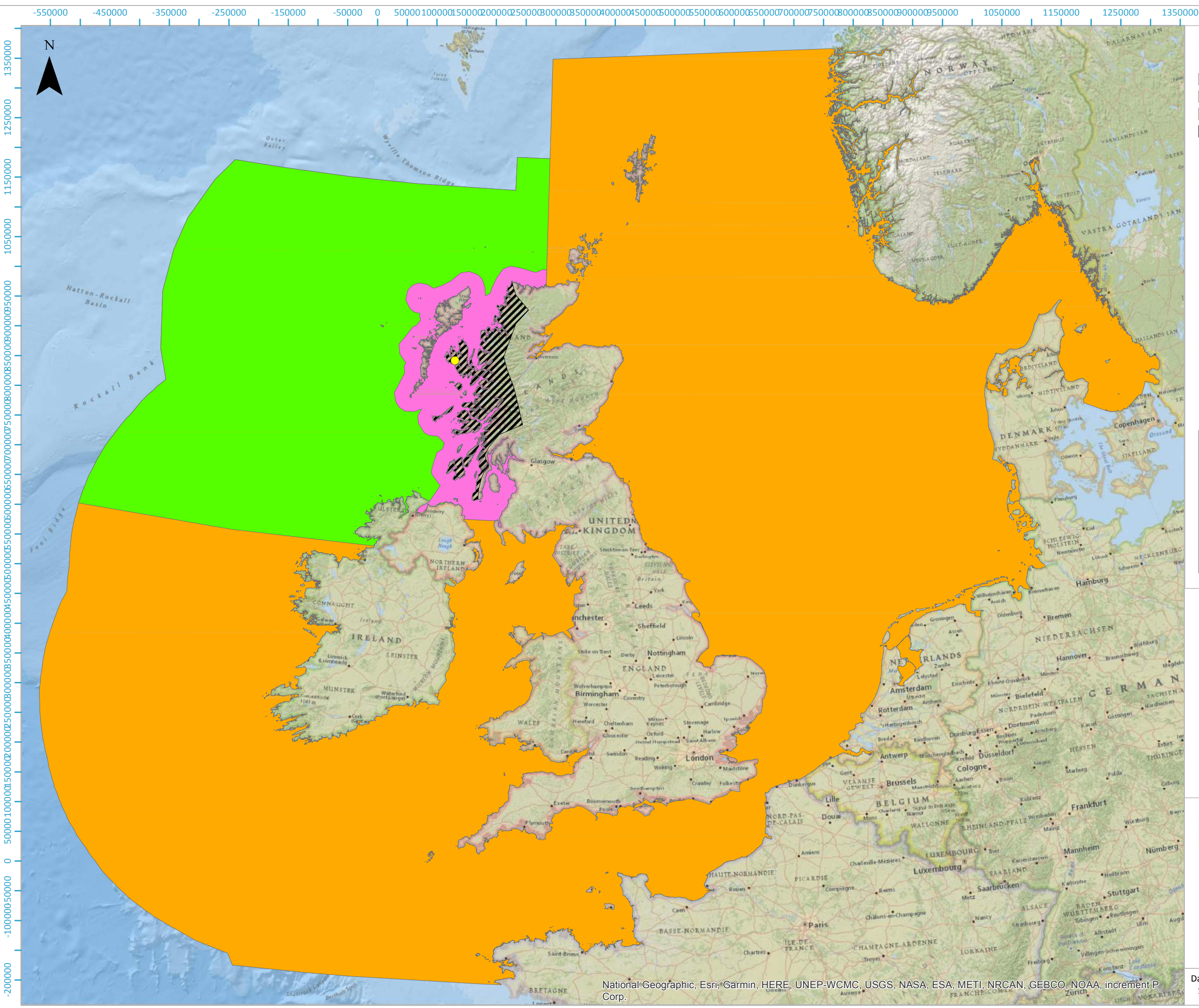


Glen Ullinish Coastal Delivery Scoping Report

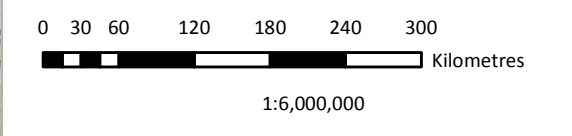
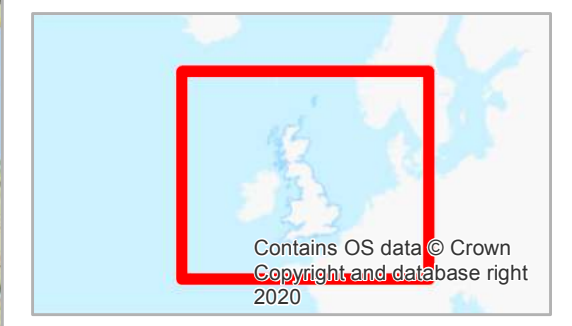
**Figure 7.1**  
**Sites Designated for Ecological Features**

Date:	Lead:	Review:	Version:
13/02/2024	HL	AH	1.0





- KEY**
- Proposed Development
  - Bottlenose Dolphin Management Units - Coastal West Scotland
  - Harbour Porpoise Management Units - West Scotland
  - Minke Whale Common Rissos dolphin MUs
  - Seal Management Units - West Scotland



Glen Ullinish Coastal Delivery Scoping Report

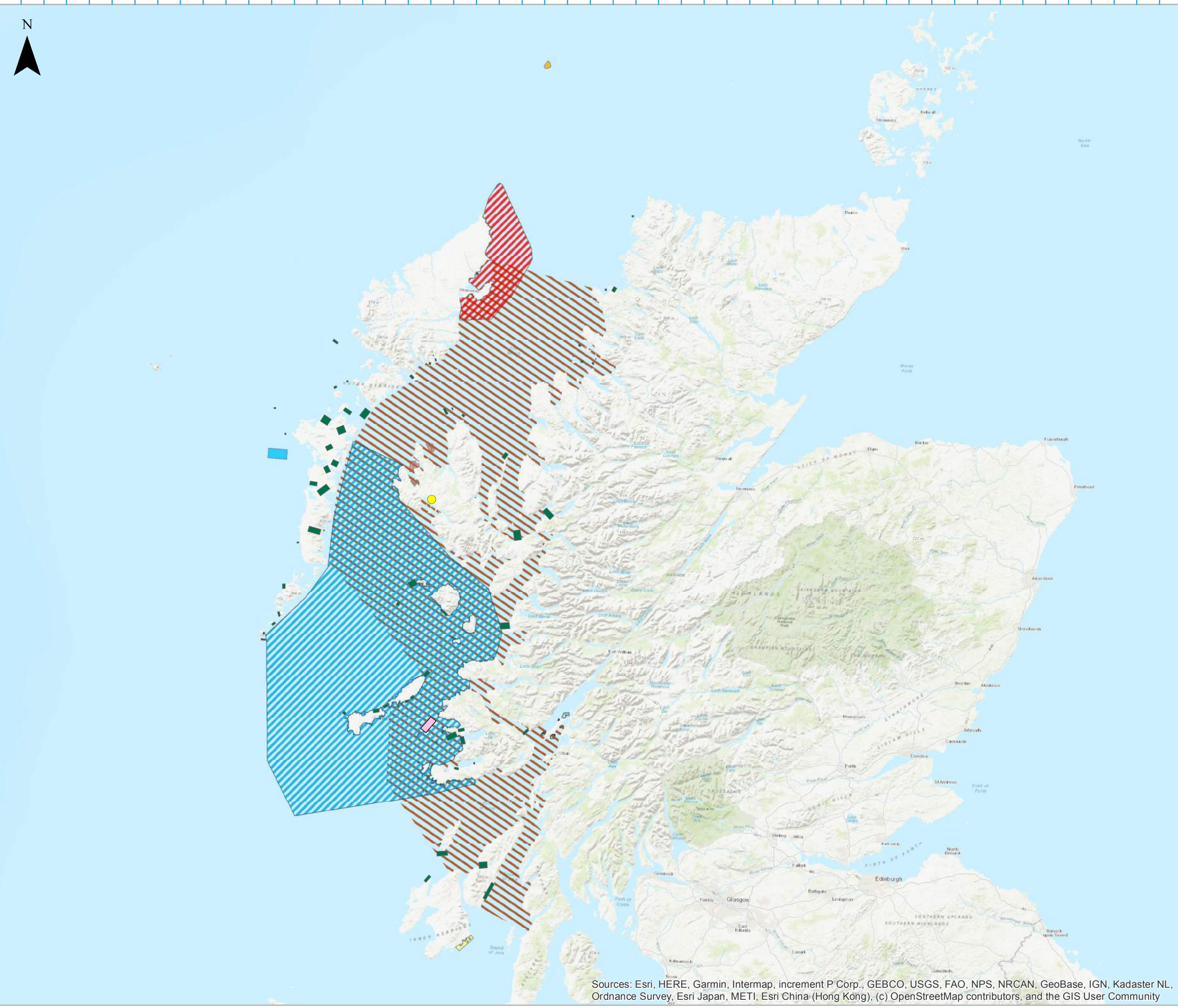
**Figure 8.2**  
Glen Ullinish Scoping - Management Units

Date:	Lead:	Review:	Version:
13/02/2024	AJM	BF	1.0

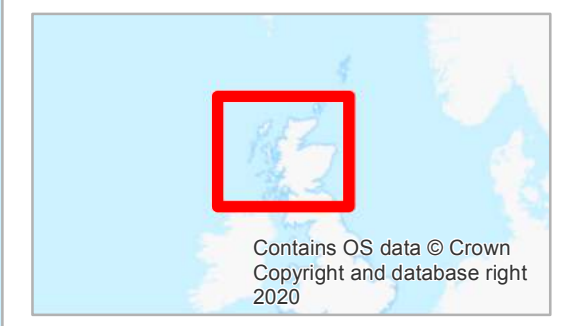
National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

-50000 -30000 -10000 0 +20000 +40000 +60000 +80000 +100000 +120000 +140000 +160000 +180000 +200000 +220000 +240000 +260000 +280000 +300000 +320000 +340000 +360000 +380000 +400000 +420000 +440000 +460000

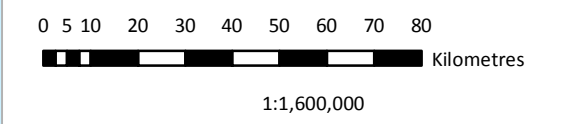
+620000 +640000 +660000 +680000 +700000 +720000 +740000 +760000 +780000 +800000 +820000 +840000 +860000 +880000 +900000 +920000 +940000 +960000 +980000 +1000000 +1020000 +1040000



- KEY**
- Seal Haul Out Sites
  - Proposed Development
- MPAs**
- North-east Lewis
  - Sea of the Hebrides
- SACs**
- Ascrib, Isay and Dunvegan
  - Eileanan agus Sgeiran Lios mor
  - Inner Hebrides and the Minches
  - Monach Islands
  - North Rona
  - South-East Islay Skerries
  - Treshnish Isles



Coordinate System: British National Grid  
Projection: Transverse Mercator

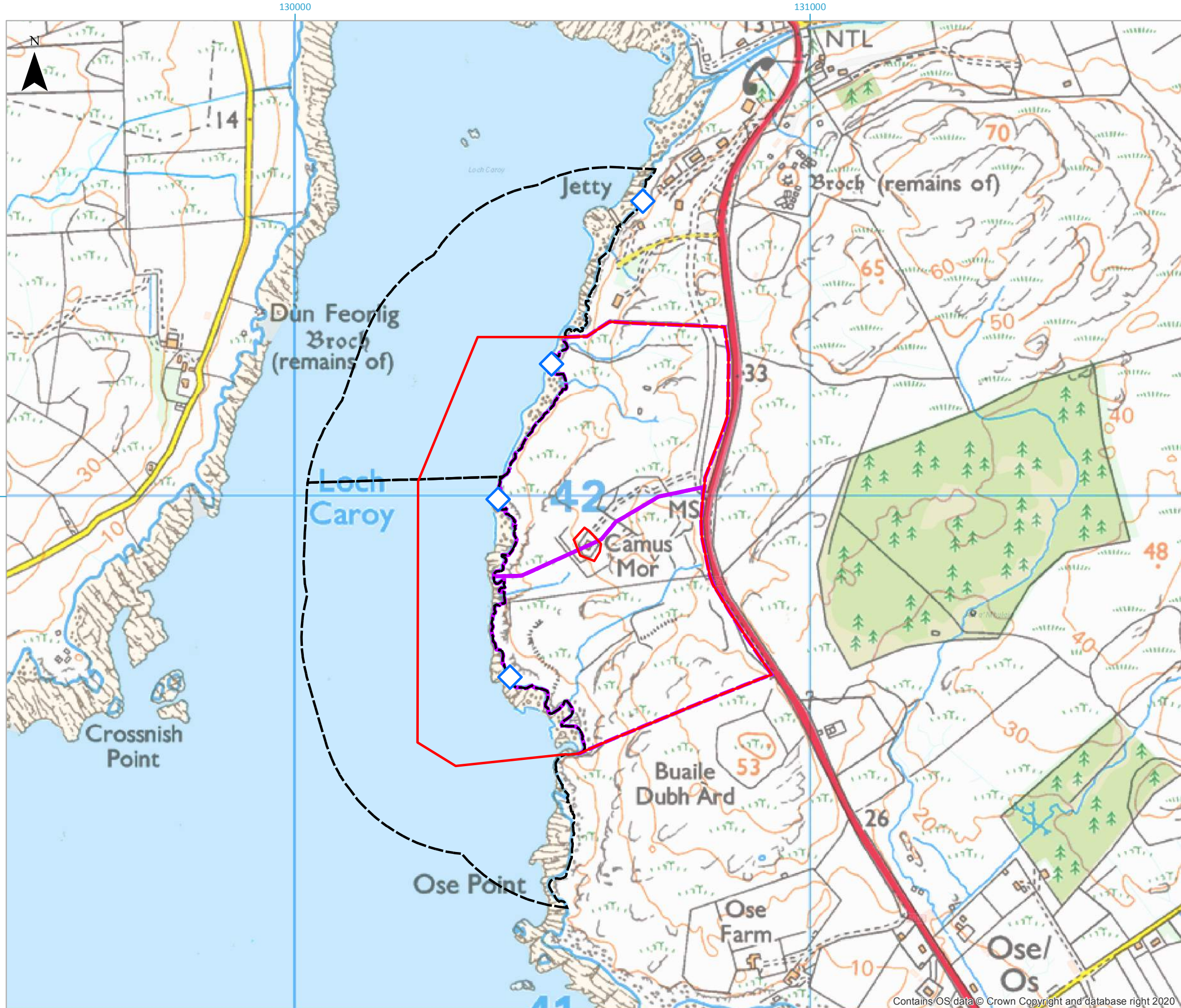


Glen Ullinish Coastal Delivery Scoping Report

**Figure 8.3**  
**Glen Ullinish Scoping - Protected Areas and Seal Haul Out Sites**

Date: 13/02/2024	Lead: AJM	Review: BF	Version: 1.0
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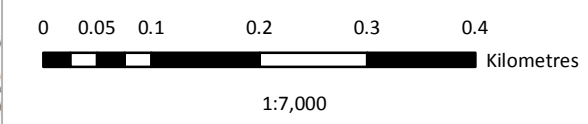
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



- KEY**
- Site Boundary
  - Vantage Points
  - Intertidal Survey Area
  - Terrestrial Survey Area



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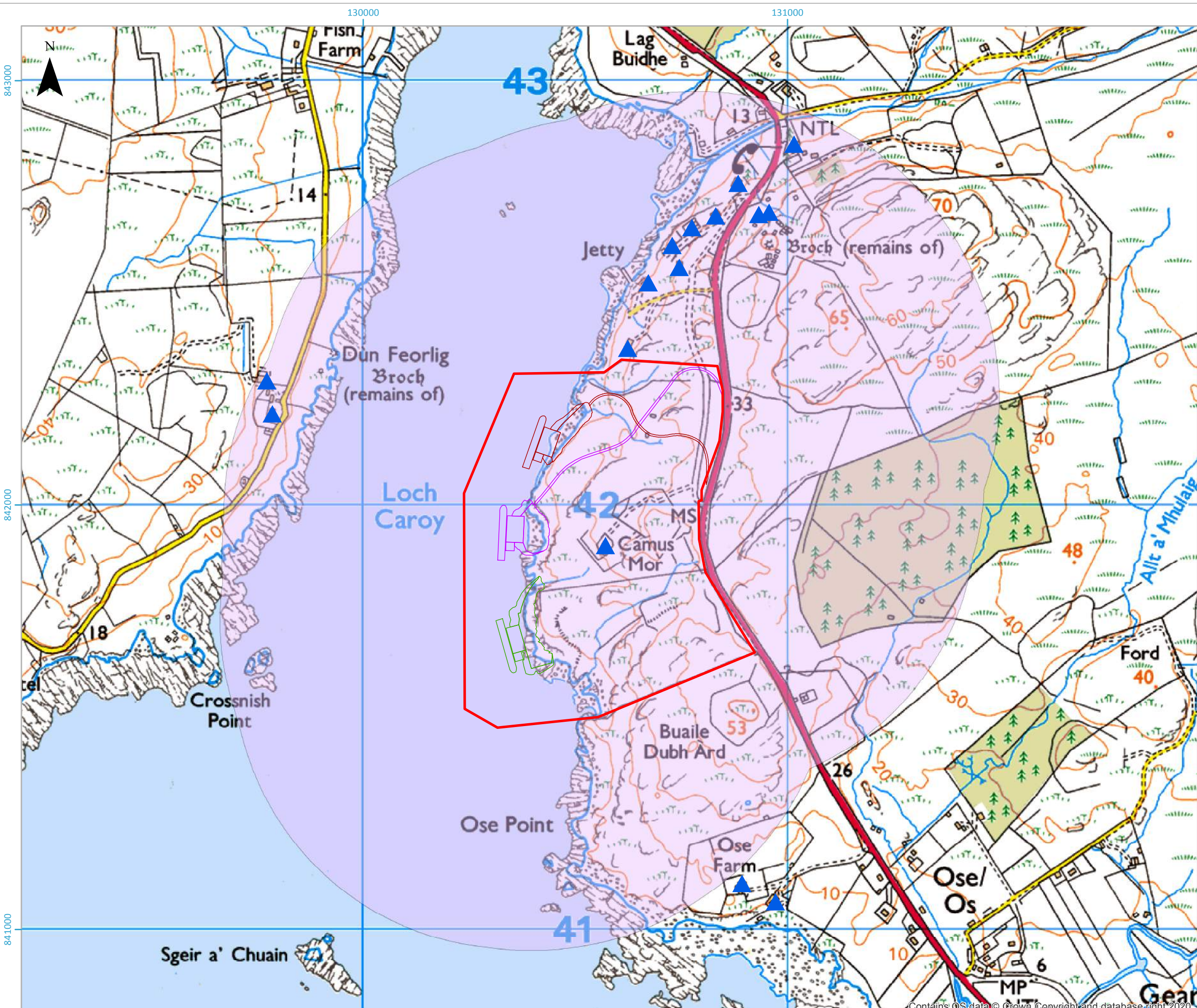


Glen Ullinish Coastal Delivery Scoping Report

**Figure 9.1**  
**Ornithology Survey Areas**

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13/02/2024	EO	AM	1.0

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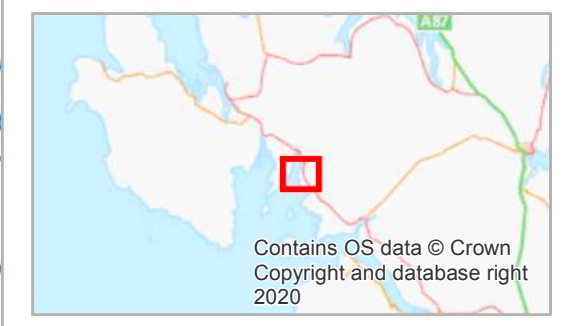


**KEY**

- Indicative Site Boundary
- ▲ Identified NSRs

Potential Site Layouts

- A
- B
- C
- Study Area



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Glen Ullinish Coast Delivery  
Scoping Report

**Figure 10.1**  
**Proposed Noise Study Area**

Date:	Lead:	Review:	Version:
13/02/2024	EO	AM	1.0

130000

N

Dun Feorlig Broch (remains of)

Loch Caroy

Site C

Site B

Site A

PA 1

PA 2

Buaile Dubh Ard

65

33

53

KEY

Site Boundary

Potential Site Options

SITE A

SITE B

SITE C

Docked Vessel

Probe Location

Peat Auger Location

Probe Depth (m)

0

0 - 0.5

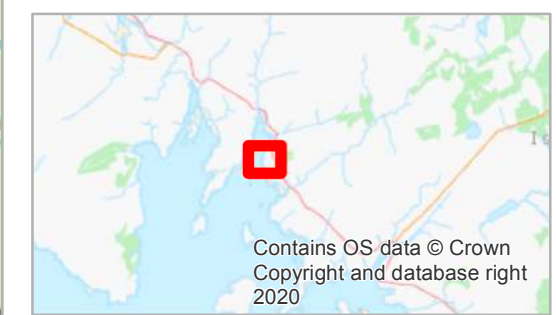
0.51 - 1

1.01 - 1.5

1.51 - 2

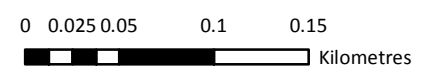
2.01 - 3

3.01 - 3.6



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1:4,000



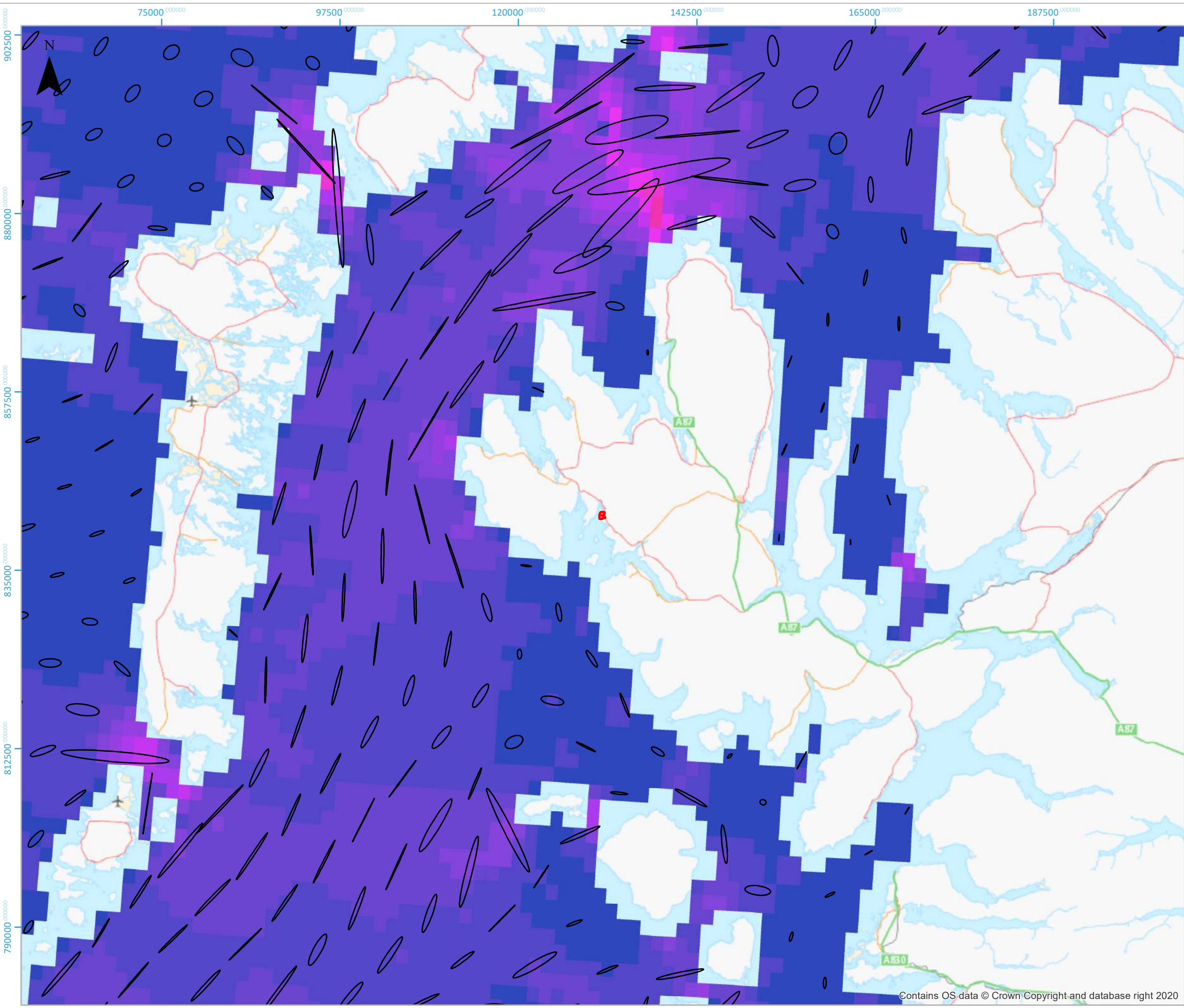
Glen Ullinish Coastal Delivery Scoping Report

Figure 11.1 Peat Depth

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13/02/2024	DN	BF	1.0

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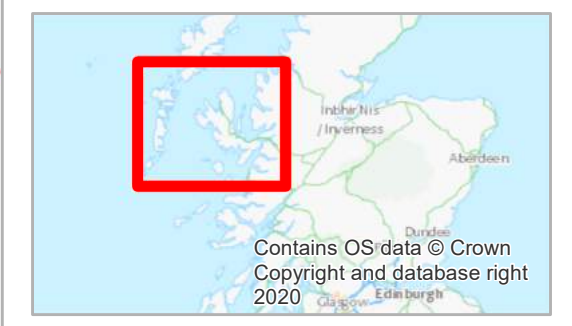


**KEY**

- Site Boundary
- Mean Spring Tidal Ellipse

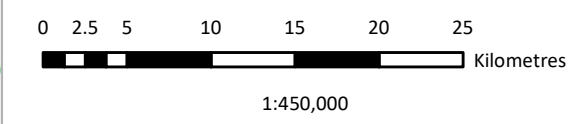
Mean Spring Peak Current Speed (m/s)

- 0.0 - 0.2
- 0.3 - 0.4
- 0.5 - 0.6
- 0.7 - 0.8
- 0.9 - 1.0
- 1.1 - 1.2
- 1.3 - 1.4
- 1.5 - 1.6
- 1.7 - 1.8
- 1.9 - 2.0



Coordinate System: British National Grid  
 Projection: Transverse Mercator

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Glen Ullinish Port Scoping Report

**Figure 12.1**  
**Mean spring current speeds and tidal ellipses around the Isle of Skye**

Date:	Lead:	Review:	Version:
14/02/2024	AMF	NKD	1.0

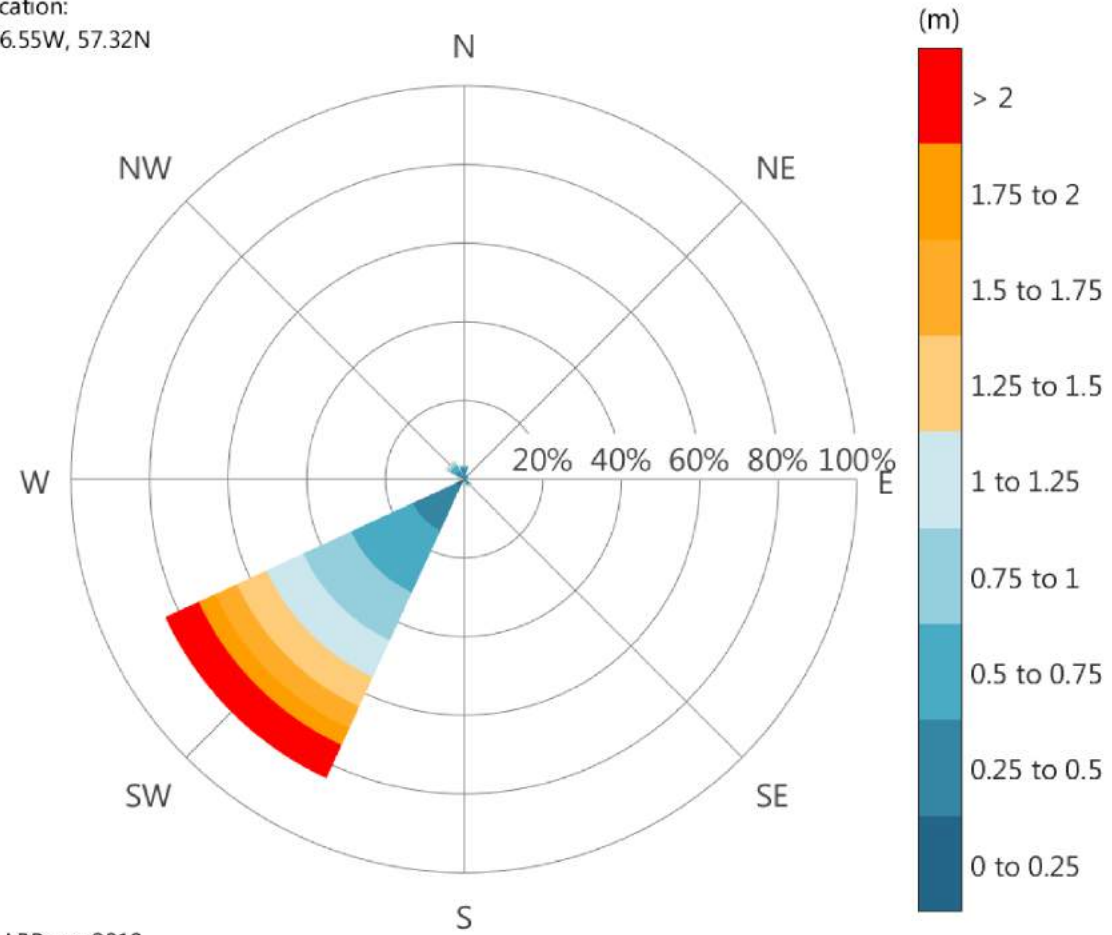
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(a)

### Significant Wave Height

Location:  
006.55W, 57.32N

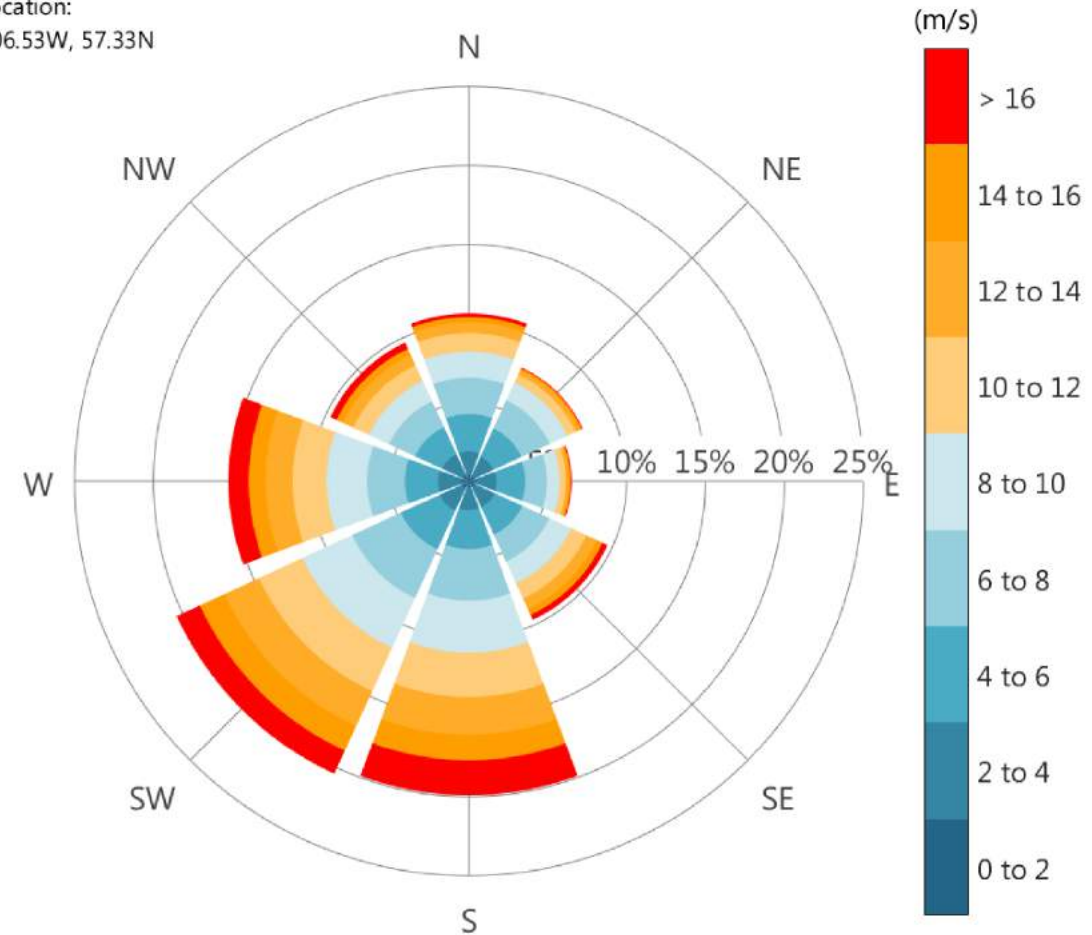


© ABPmer 2018  
Data ID:wavehs\_sea\_nwe\_57p32N\_006p55W

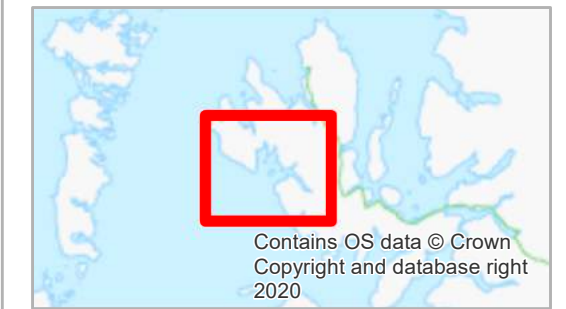
(b)

### Wind Speed

Location:  
006.53W, 57.33N



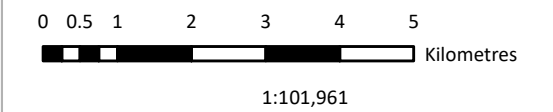
© ABPmer 2018  
Data ID:wndspd\_nsb\_4m\_57p33N\_006p53W



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2020

Coordinate System: NA  
Projection: NA

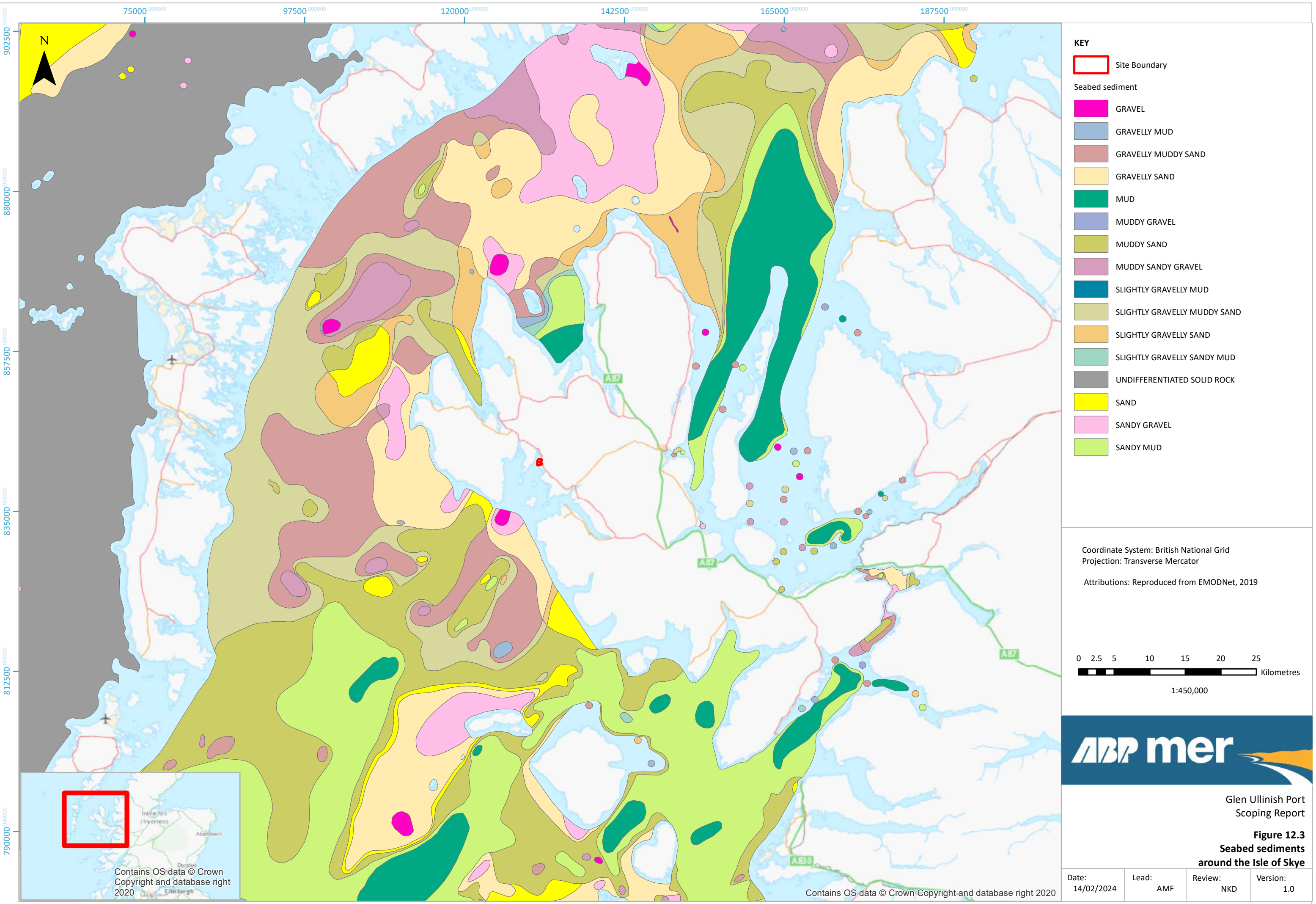
Attributions: Reproduced from Data Explorer, 2018.  
ABPmer, <https://www.seastates.net>



Glen Ullinish Port  
Scoping Report

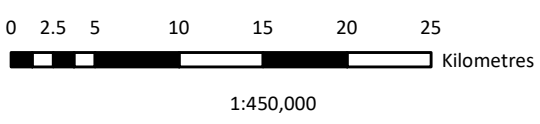
**Figure 12.2**  
Rose plots of (a) significant  
wave height and (b) wind speed

Date: 14/02/2024	Lead: AMF	Review: NKD	Version: 1.0
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- KEY**
- Site Boundary
  - Seabed sediment**
  - GRAVEL
  - GRAVELLY MUD
  - GRAVELLY MUDDY SAND
  - GRAVELLY SAND
  - MUD
  - MUDDY GRAVEL
  - MUDDY SAND
  - MUDDY SANDY GRAVEL
  - SLIGHTLY GRAVELLY MUD
  - SLIGHTLY GRAVELLY MUDDY SAND
  - SLIGHTLY GRAVELLY SAND
  - SLIGHTLY GRAVELLY SANDY MUD
  - UNDIFFERENTIATED SOLID ROCK
  - SAND
  - SANDY GRAVEL
  - SANDY MUD

Coordinate System: British National Grid  
 Projection: Transverse Mercator  
 Attributions: Reproduced from EMODNet, 2019

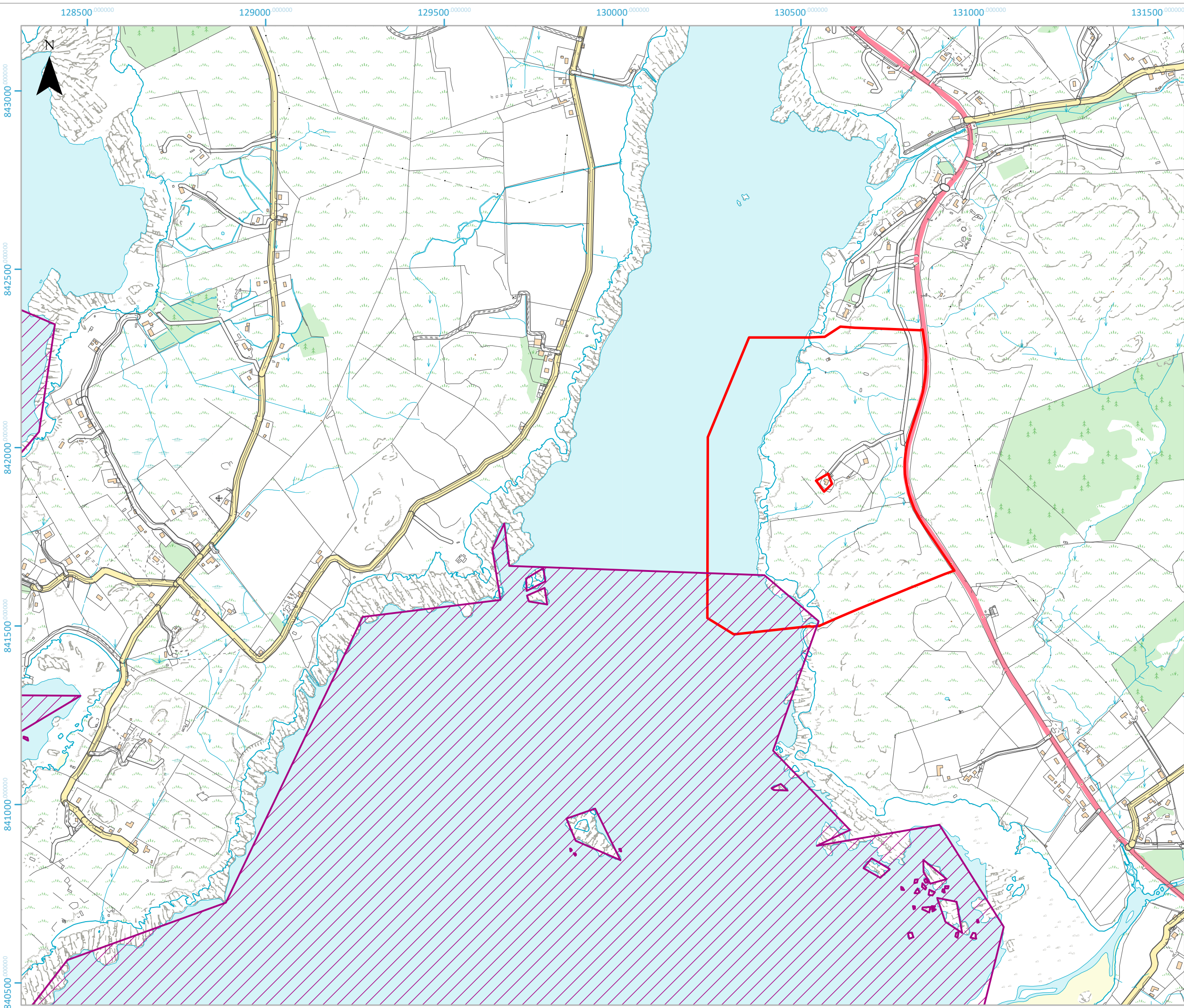


Glen Ullinish Port  
 Scoping Report  
**Figure 12.3**  
**Seabed sediments**  
**around the Isle of Skye**

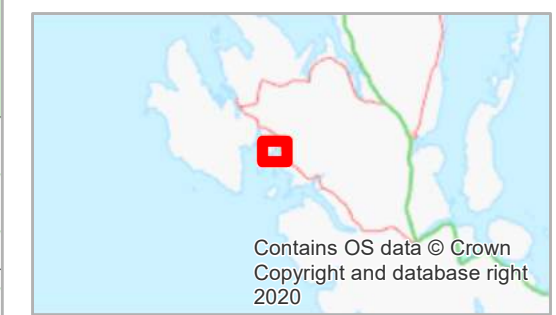
Date: 14/02/2024	Lead: AMF	Review: NKD	Version: 1.0
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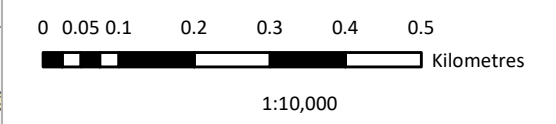


- KEY**
- Site Boundary
  - Inner Hebrides and the Minches SAC



Coordinate System: British National Grid  
 Projection: Transverse Mercator

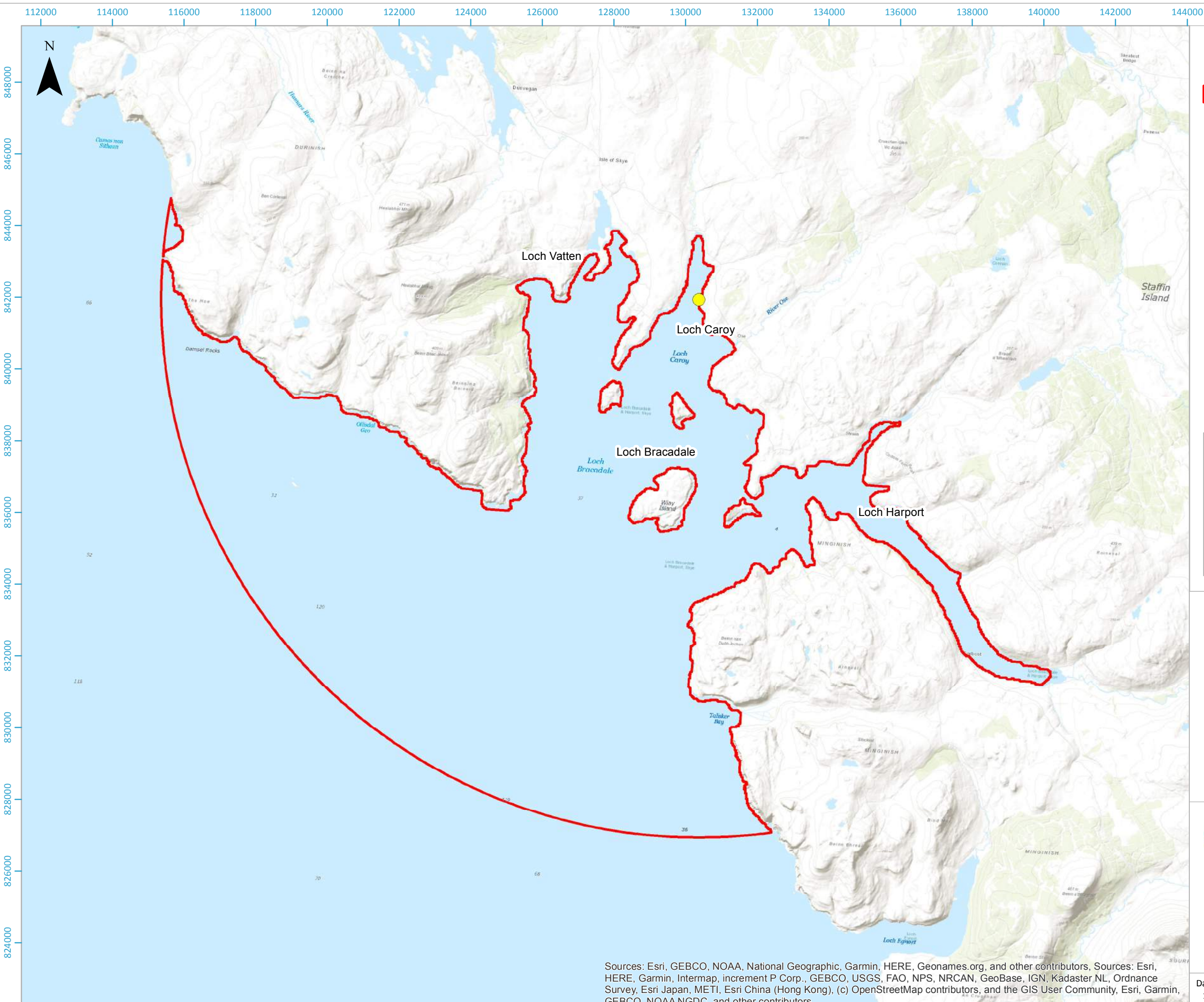
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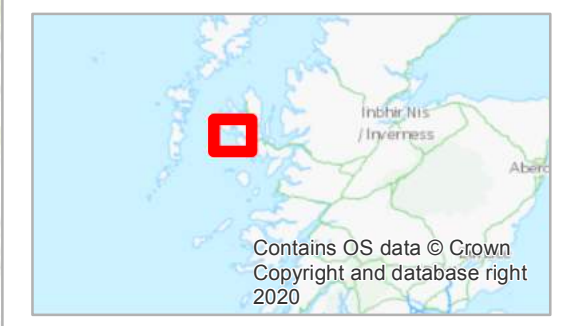
**Figure 12.4**  
 Scoping boundary overlap extent with Inner Hebrides and The Minches SAC

Date: 14/02/2024	Lead: AMF	Review: NKD	Version: 1.0
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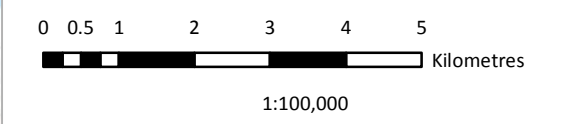


**KEY**

- Proposed Development
- Benthic Subtidal and Intertidal Study Area



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 Projection: Transverse Mercator



Glen Ullinish Coastal Delivery  
 Scoping Report

**Figure 13.1**  
**Glen Ullinish Scoping - Water Quality Study Area**

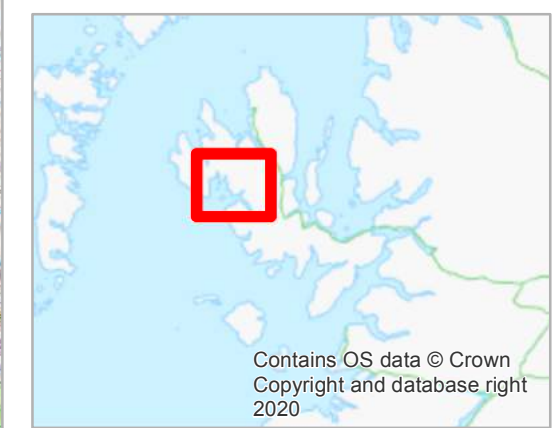
Sources: Esri, GEBCO, NOAA, National Geographic, Garmin, HERE, Geonames.org, and other contributors, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community, Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Date: 13/02/2024	Lead: AJM	Review: BF	Version: 1.0
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**KEY**

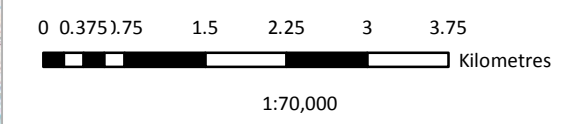
- Proposed Development
- Rivers
- Shellfish Waters Protection Areas
- Coastal Waterbodies



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**Figure 13.2**  
**WFD Water Bodies and Shellfish Protected Areas**

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