



Cush Wind Farm

Environmental Impact Assessment Report

Annex 5.1: Schedule of Biodiversity Figures

Cush Wind Limited

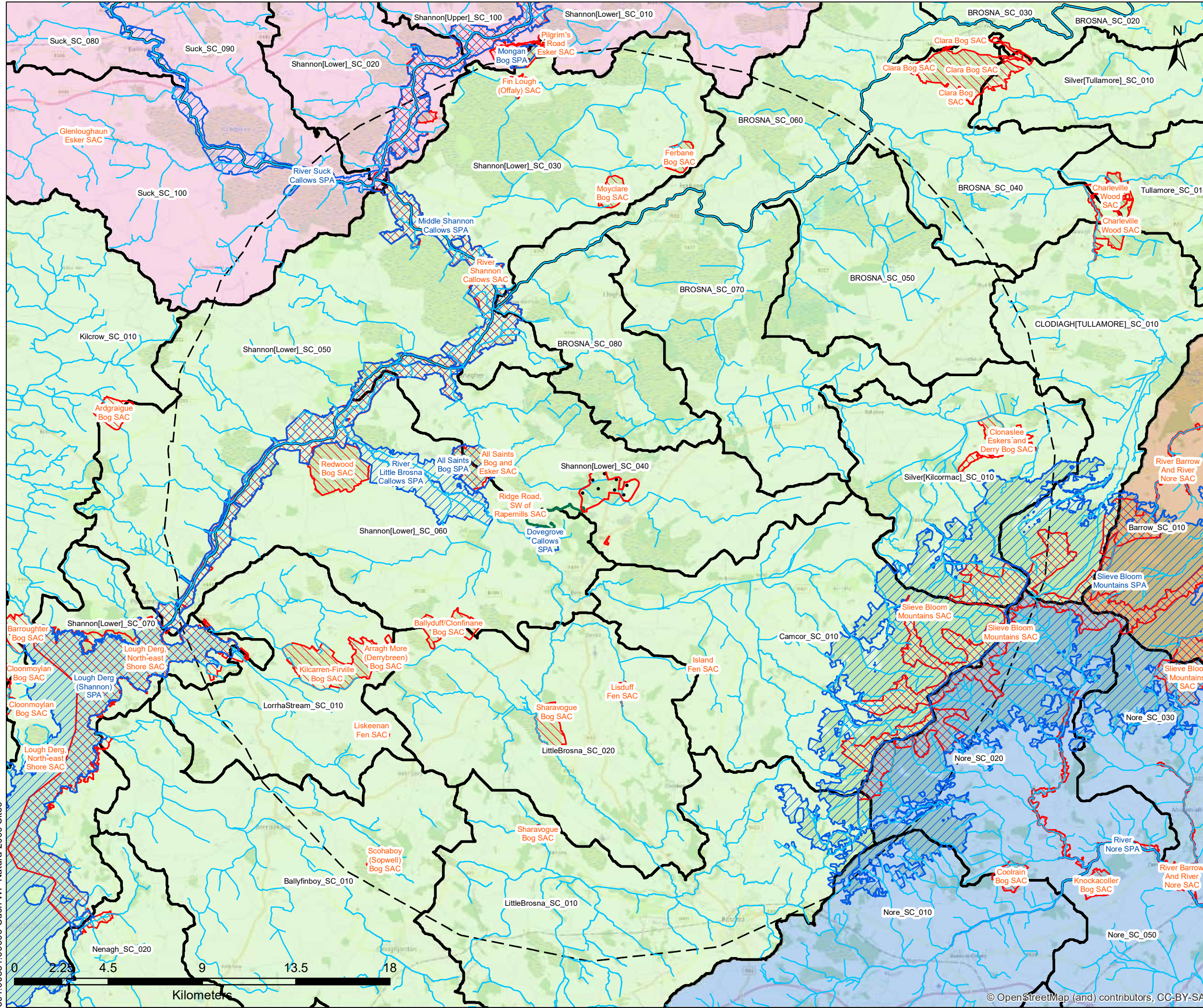
Galetech Energy Services

Clondargan, Stradone, Co. Cavan Ireland

Telephone +353 49 555 5050

www.galetechenergy.com



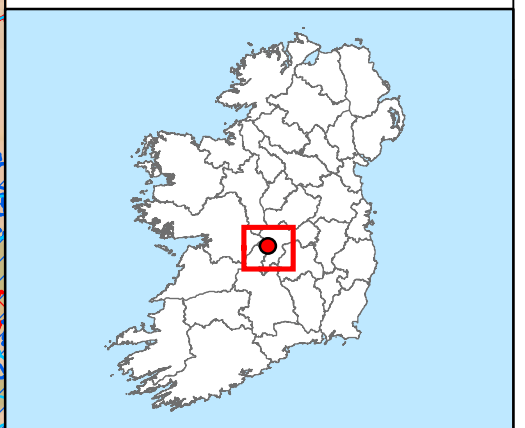


LEGEND

- Proposed Project Site Boundary
- Grid Connection Route
- Proposed Turbine Layout
- Watercourses
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Proposed Project Site Boundary and Grid Connection 20km Buffer
- Sub-Catchment (Labelled with Sub-Catchment Name)

Catchments

- Barrow
- Lower Shannon
- Nore
- Upper Shannon



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CUSH WIND FARM
BIODIVERSITY
CATCHMENTS AND NATURA 2000 SITES WITHIN
20KM OF THE PROPOSED PROJECT SITE STUDY AREA

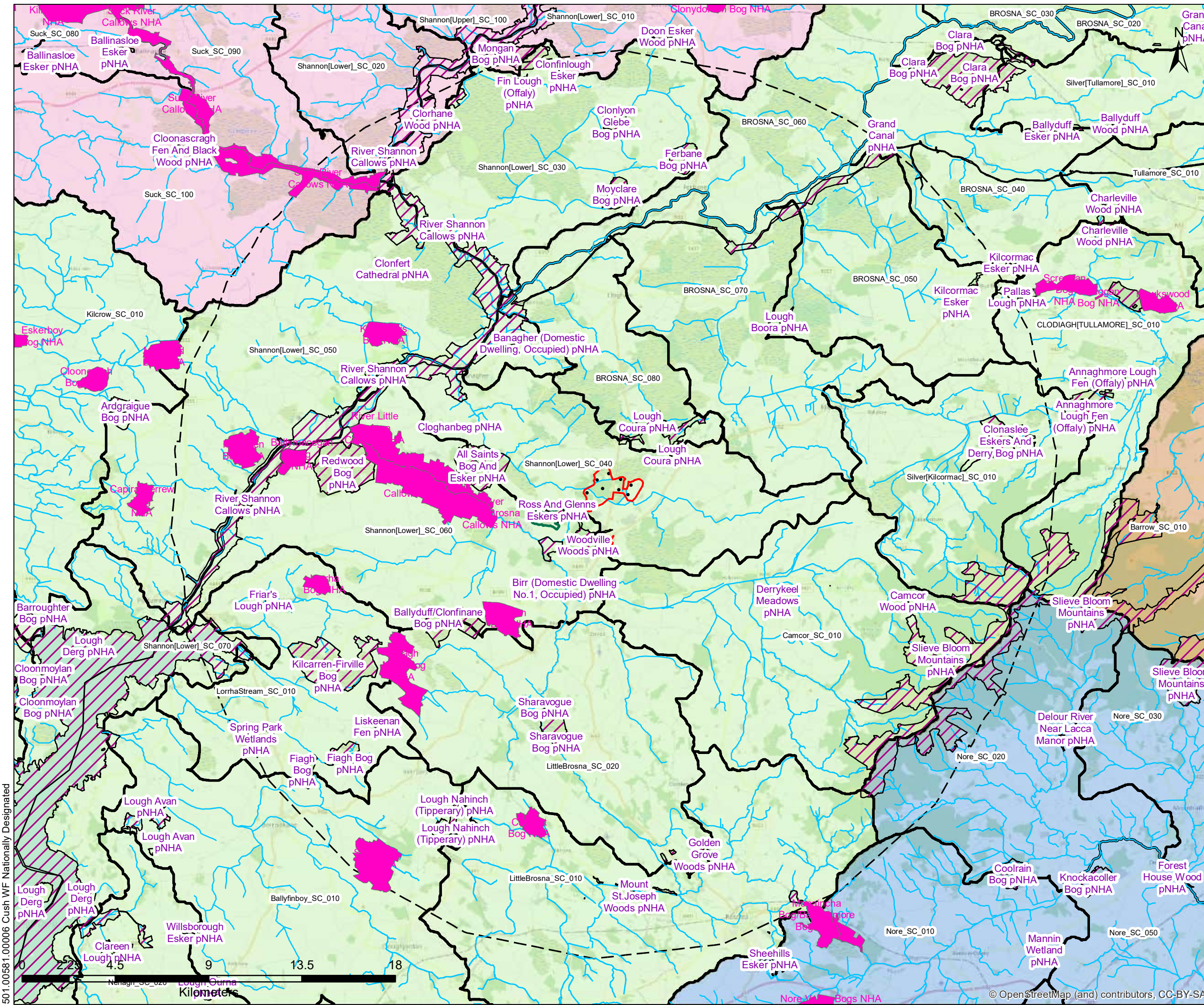
FIGURE 5.1

Scale: 1:174,000 @ A3 Date: NOVEMBER 2023

501.00581.00006 Cush WF Natura 2000 Sites



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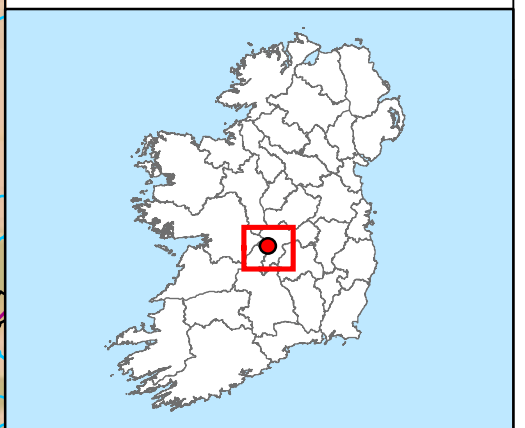


LEGEND

- Proposed Project Site Boundary
- Grid Connection Route
- Proposed Turbine Layout
- Watercourses
- Proposed Project Site Boundary and Grid Connection 20km Buffer
- Natural Heritage Area (NHA)
- Proposed Natural Heritage Area (pNHA)

Catchments

- Barrow
- Lower Shannon
- Nore
- Upper Shannon
- Sub-Catchment (Labelled with Sub-Catchment Name)



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CATCHMENTS AND NATIONALLY DESIGNATED SITES WITHIN 20KM OF THE PROPOSED PROJECT SITE STUDY AREA

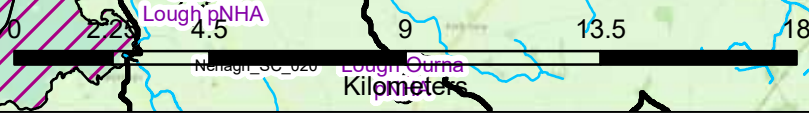
FIGURE 5.2

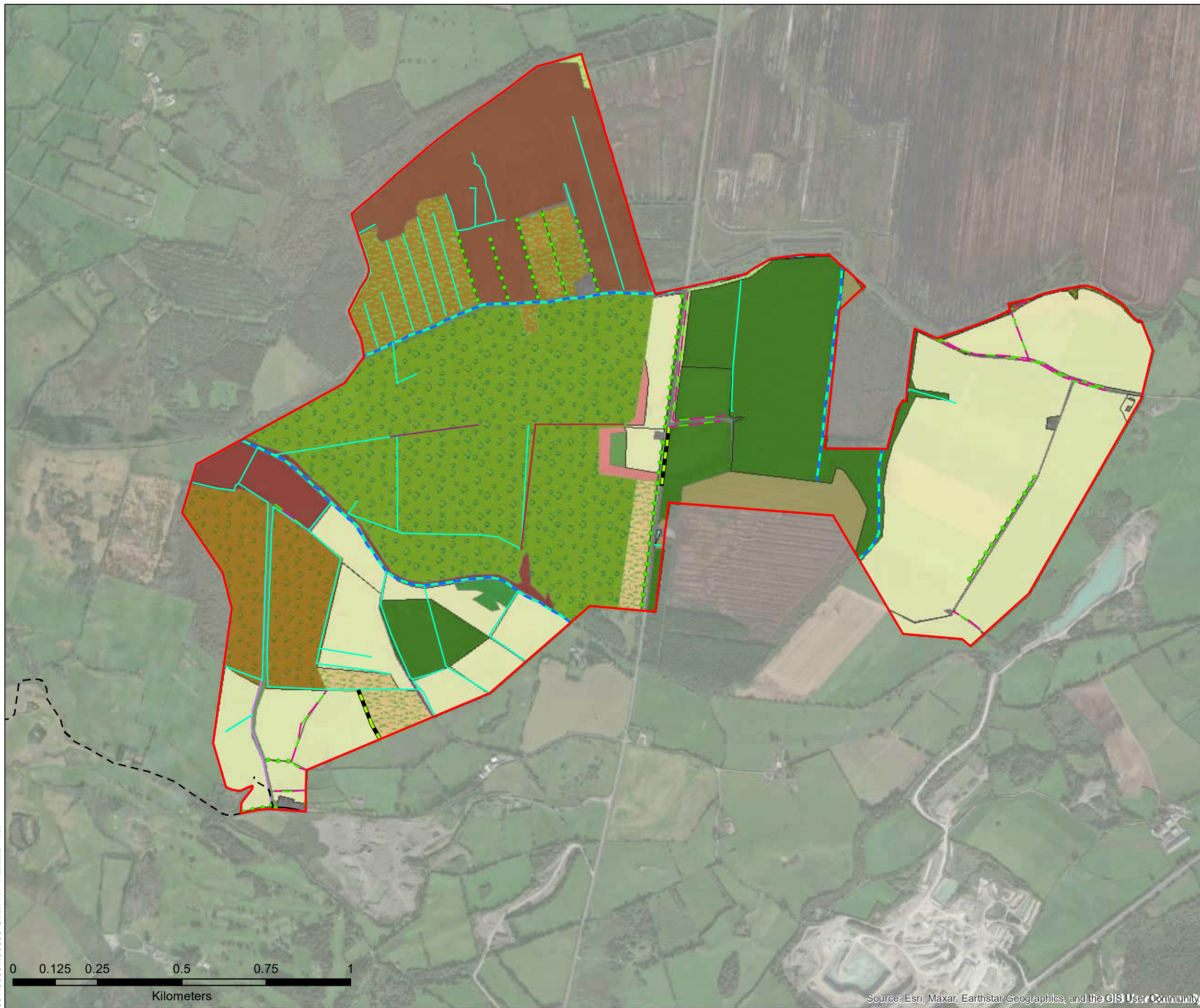
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Date: NOVEMBER 2023

501.00581.00006 Cush WF Nationally Designated

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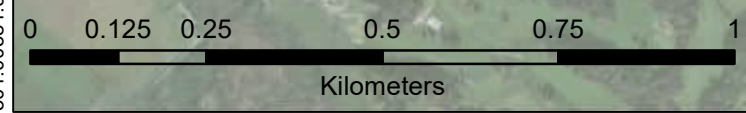
LEGEND	
	Site Boundary
	Proposed Grid Connection
Habitats - Linear	
	BL3
	FW4
	GA1 x HD1
	HD1
	WL1
	WL1 x WL2
	WL1 x WL2 x GS2
	WL1 x WL2 x HD1
	WL2
	FW2
Habitats	
	BL3
	ED2
	ED3
	GA1
	GA1 x PB4
	GA1 x WS1
	GS2
	GS4
	HD1
	PB4
	PB4 x WS1
	PB4 x WS5
	WD1
	WD2
	WD4
	WD5
	WN7
	WS1 x WL1
	WS1 x WS2



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 BIODIVERSITY CHAPTER
HABITATS - MAIN PROJECT SITE
FIGURE 5.3

Scale 1:10,739 @ A3	Date NOVEMBER 2023
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LEGEND

- Site Boundary
- Habitats - Polygons**
- BL3
- GA1
- Habitats - Linear**
- WL1



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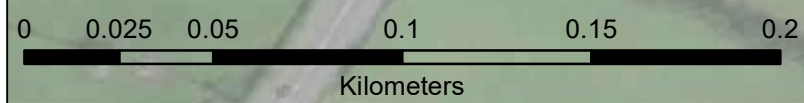
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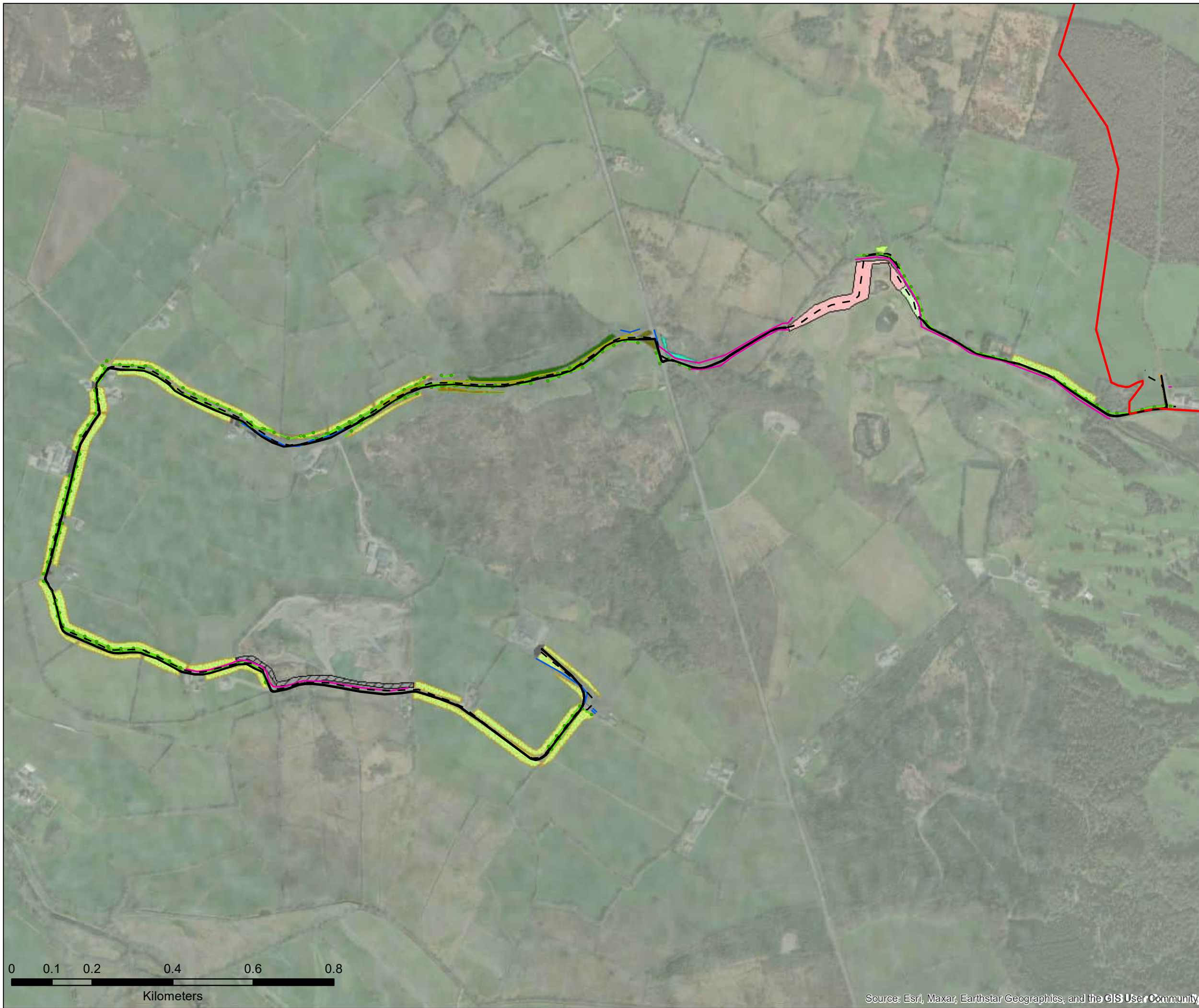
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BIODIVERSITY CHAPTER

HABITATS - TURNING AREA

FIGURE 5.4





LEGEND

- - Proposed Grid Connection Route
- Site Boundary

Habitats - Linear

- BL1
- BL3
- GS2
- WL1
- WL1 x WL2
- WL1 x WL2 x GS2
- WL2

Habitats - Polygon

- BL3
- ED3
- ED4
- GA1
- GA2
- GS2
- WD1
- WD4
- WN7
- WS1



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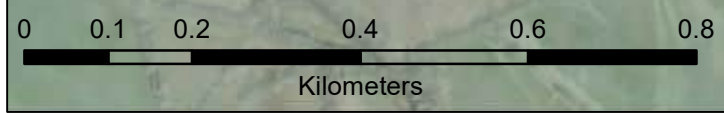
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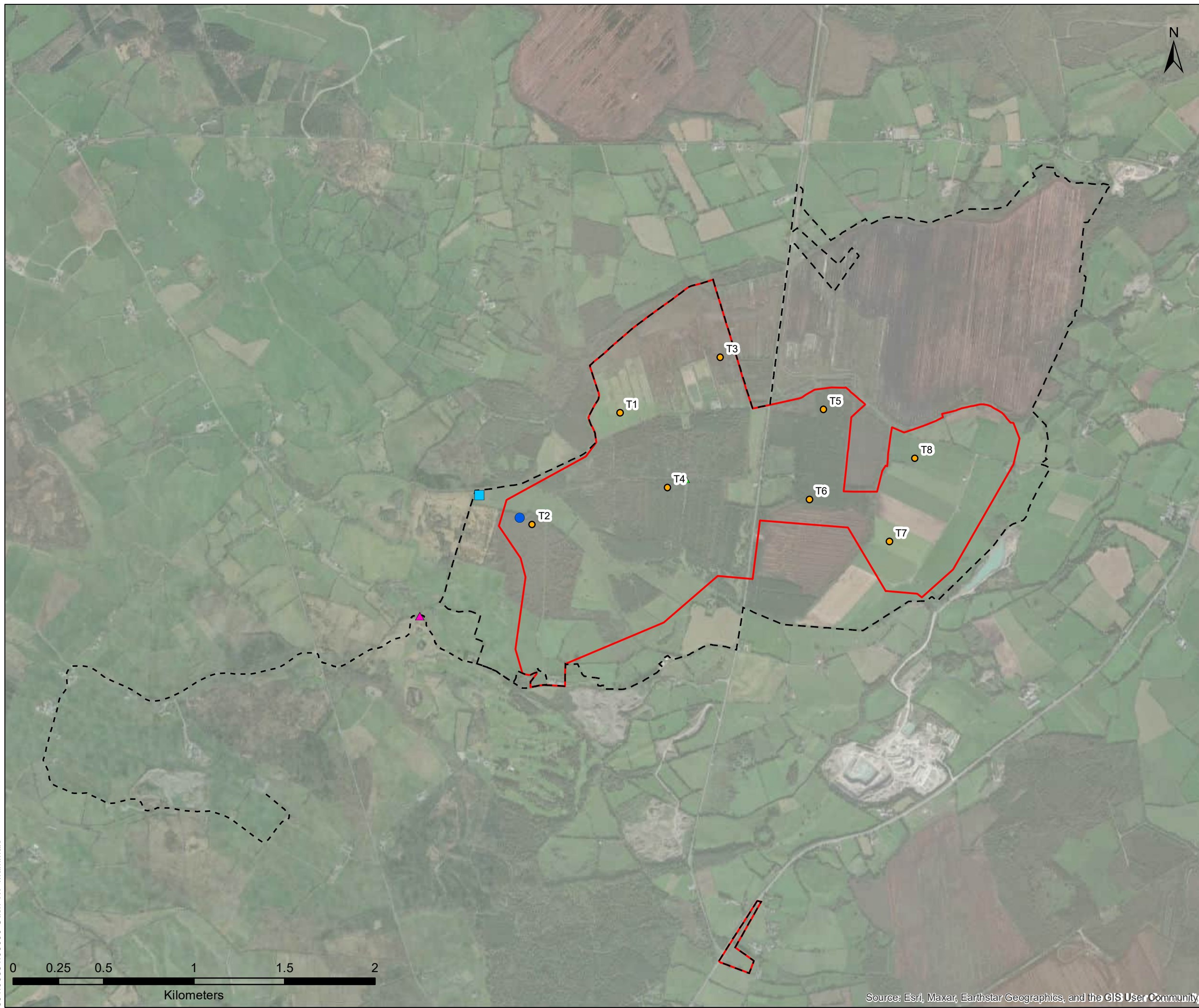
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BIODIVERSITY CHAPTER

HABITATS - GRID CONNECTION

FIGURE 5.5

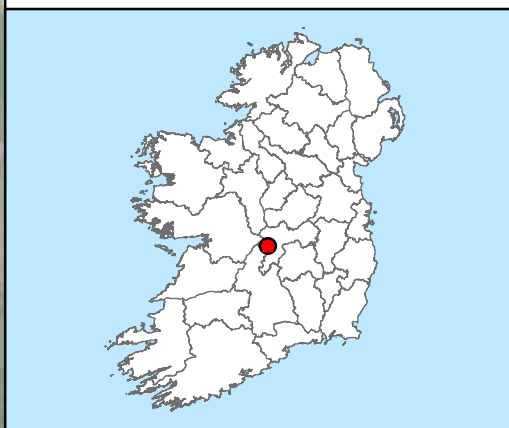
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LEGEND

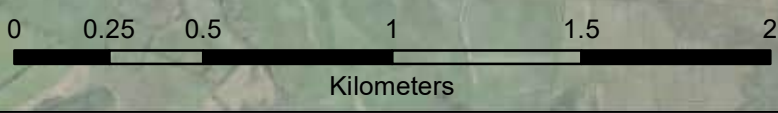
- Site Boundary
- Proposed grid connection
- Proposed Turbine Layout
- Study Area
- ▲ Badger, Dropping
- ▲ Badger, Latrine
- Fallow Deer, Live sighting
- Pine Marten, Live sighting







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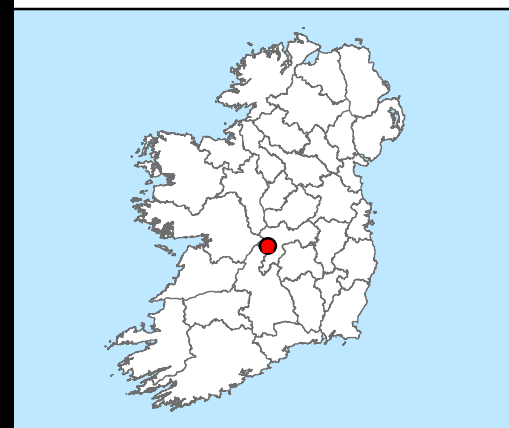
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BIODIVERSITY CHAPTER
MAMMAL SURVEY RESULTS
FIGURE 5.6

Scale 1:20,000 @ A3	Date NOVEMBER 2023
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LEGEND

-  Site Boundary
-  Proposed Turbine Layout
-  Study Area
-  Badger, Sett






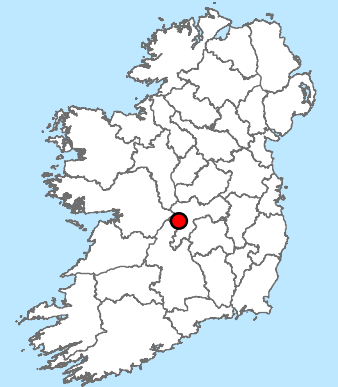
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CUSH WIND FARM
BIODIVERSITY CHAPTER
BADGER SETT
FIGURE 5.7

Scale 1:21,000 @ A3 Date NOVEMBER 2023

LEGEND

-  Proposed Grid Connection
-  Study Area
-  Badger, Sett



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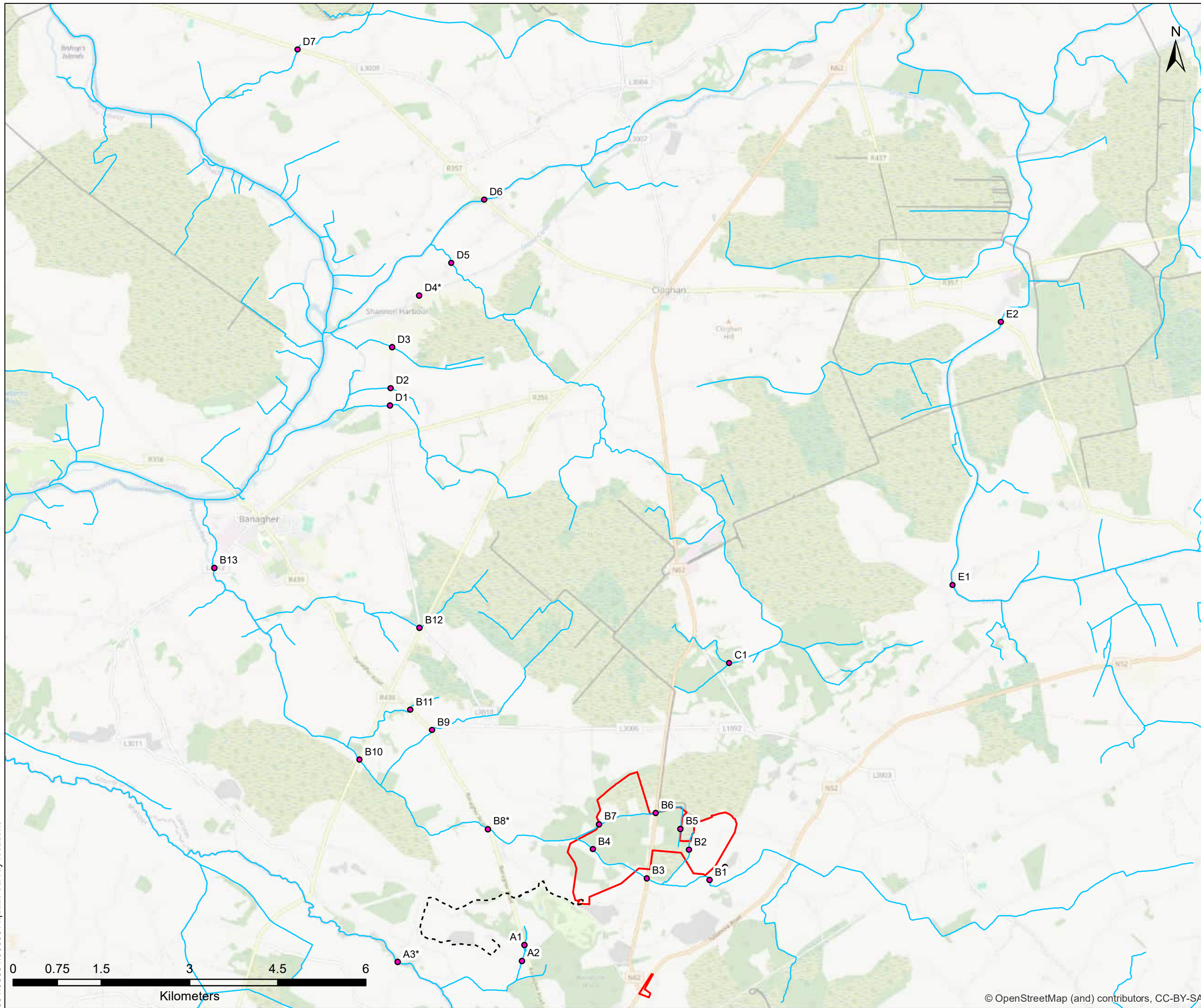
BADGER SETT

FIGURE 5.8

Scale
1:1,000 @ A3

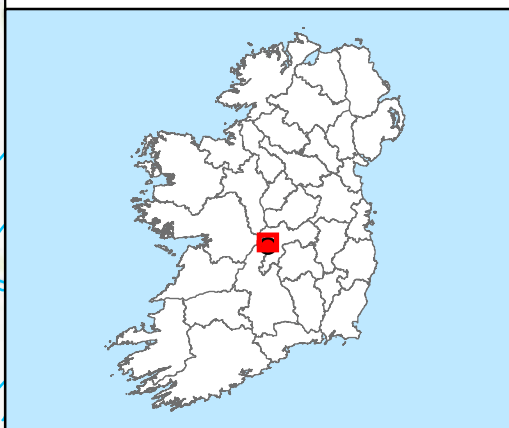
Date
NOVEMBER 2023

501.00581.00006 Aquatic survey locations



LEGEND

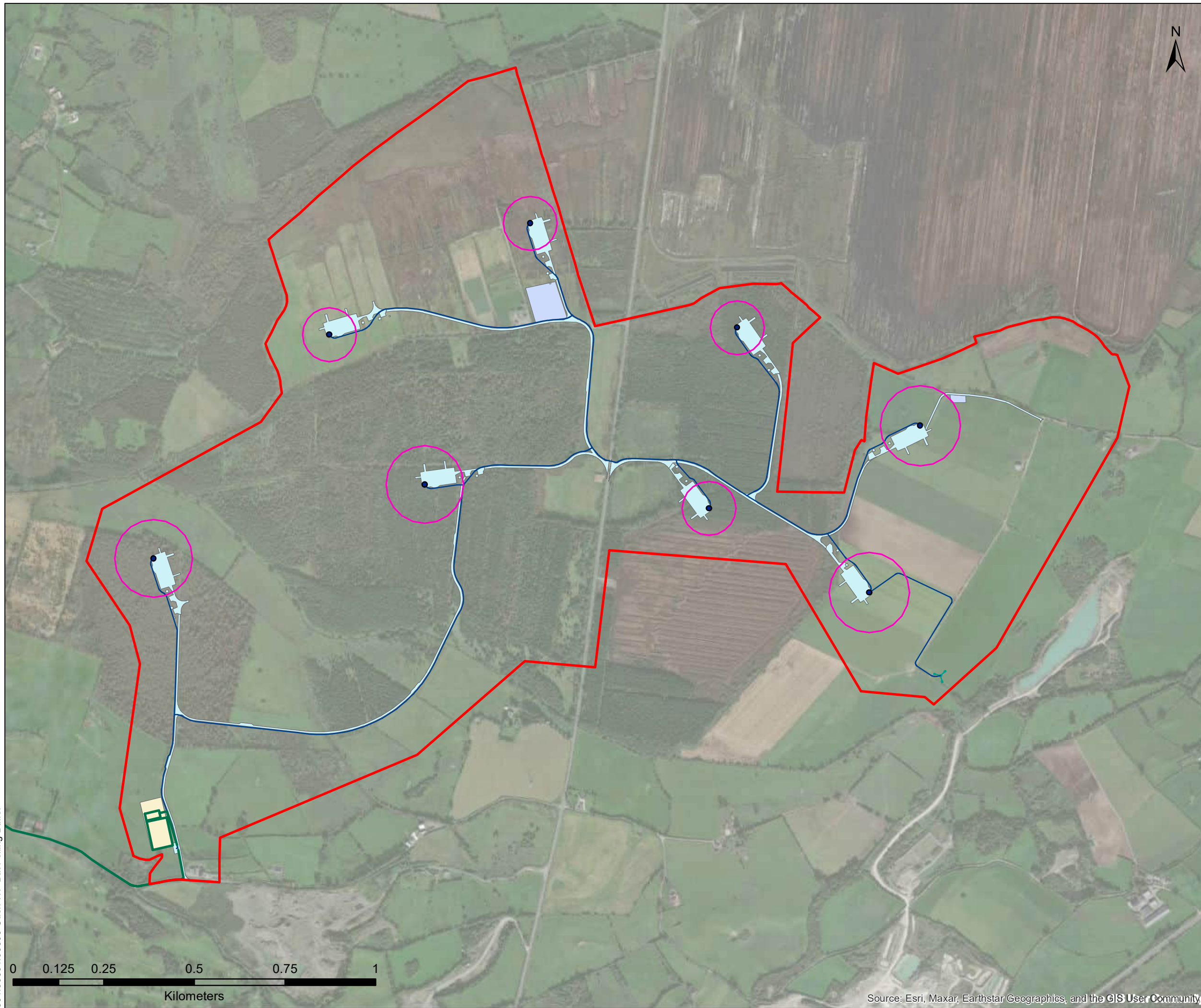
- Proposed Site Boundary
- Proposed Grid Connection
- Watercourses
- Aquatic Survey Locations



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AQUATIC SURVEY LOCATIONS
FIGURE 5.9

Scale 1:61,657 @ A3 Date NOVEMBER 2023



LEGEND

- Proposed Project Site Boundary
- Grid Connection Route
- Proposed Turbine Layout
- Bat Felling Buffers
- Proposed Internal Cabling
- Proposed Permanent Met Mast
- Proposed Roads and Hardstanding
- Proposed Temporary Construction Compound
- Proposed Substation BESS



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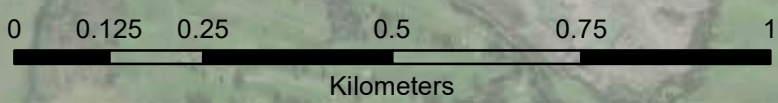
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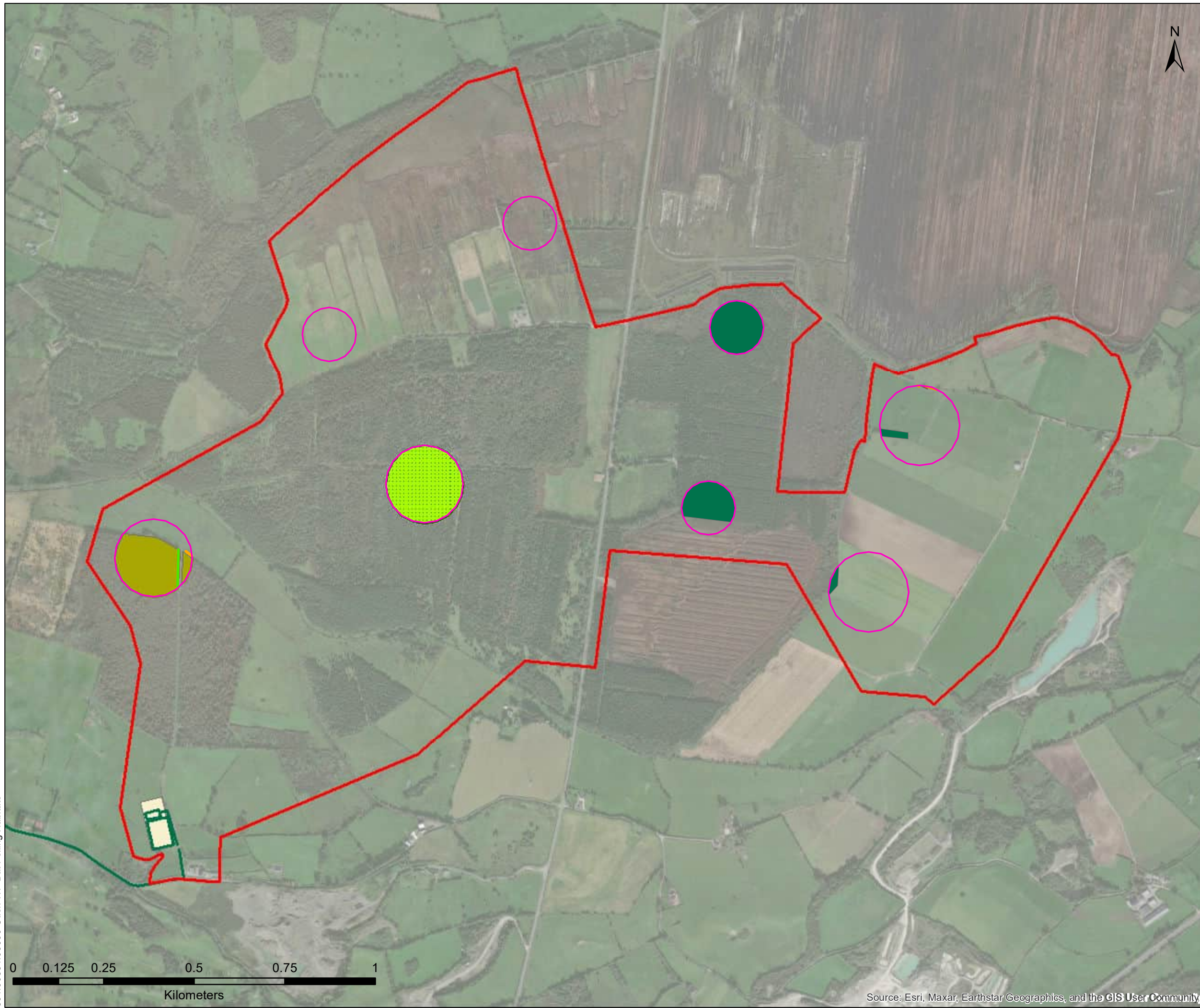
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BAT FELLING BUFFERS

FIGURE 5.10



501.00581.00006 Cush WF Bat Felling Habitats

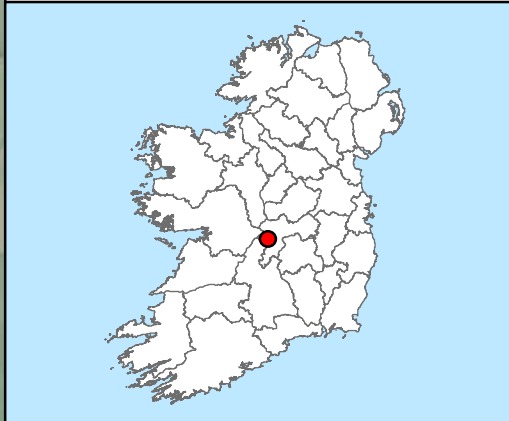


LEGEND

- Bat Felling Buffers
- WL1 x WL2
- WL1 x WL2 x HD1

Habitats (to be felled)

- PB4 x WS1
- WD4
- WD2
- WN7
- Revised Application Boundary
- GCR - Rev 24 - ITM



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BAT FELLING MITIGATION - HABITATS

FIGURE 5.11

Scale 1:10,000 @ A3 Date NOVEMBER 2023

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community