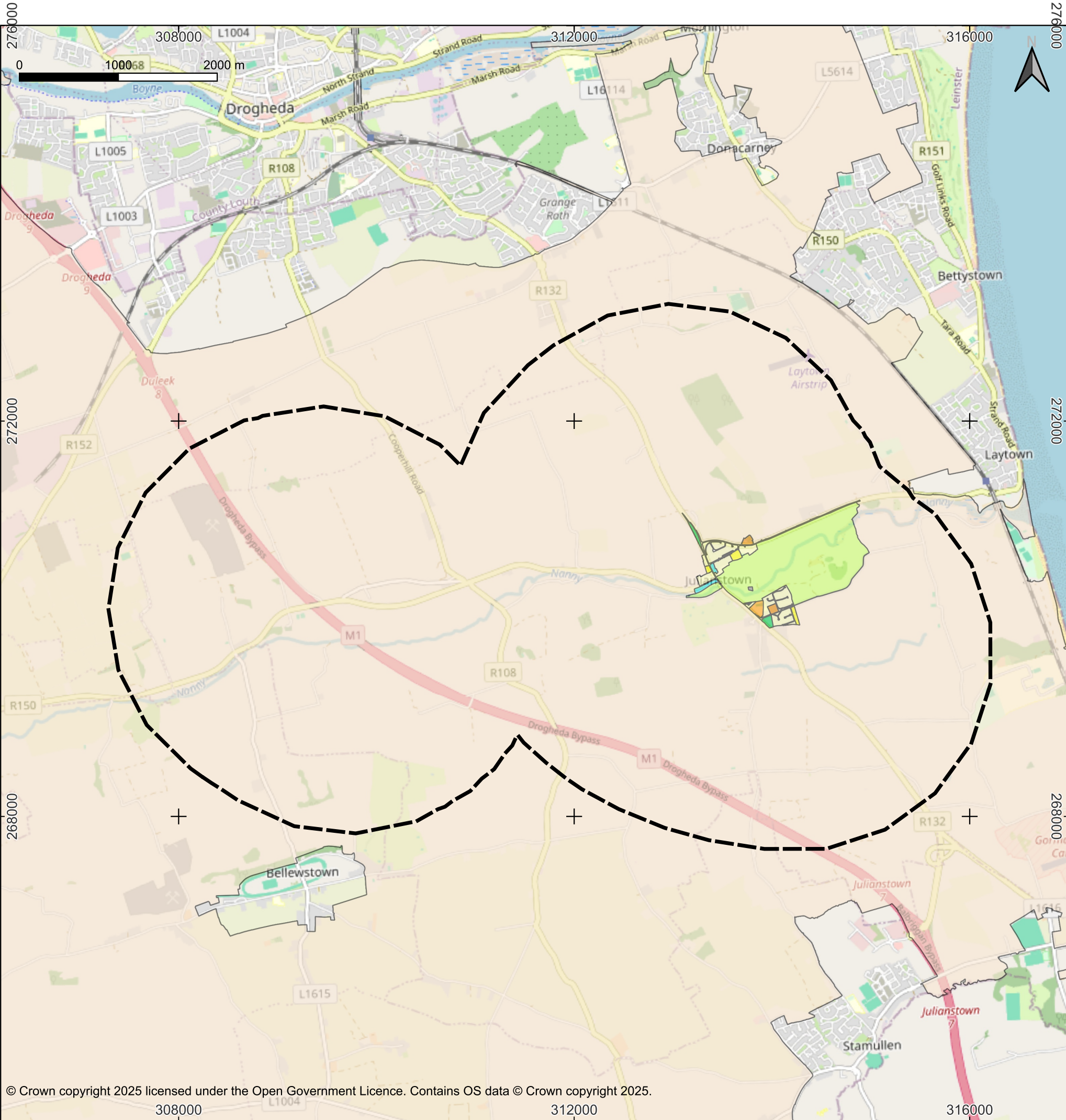




LEGEND

Study Area Boundary

Land Use Zoning Objective

A1 - Existing Residential

A2 - New Residential

B1 - Commercial Town or Village Centre

F1 - Open Space

G1 - Community Infrastructure

H1 - High Amenity

RA - Rural Area

TU - Transport and Utilities

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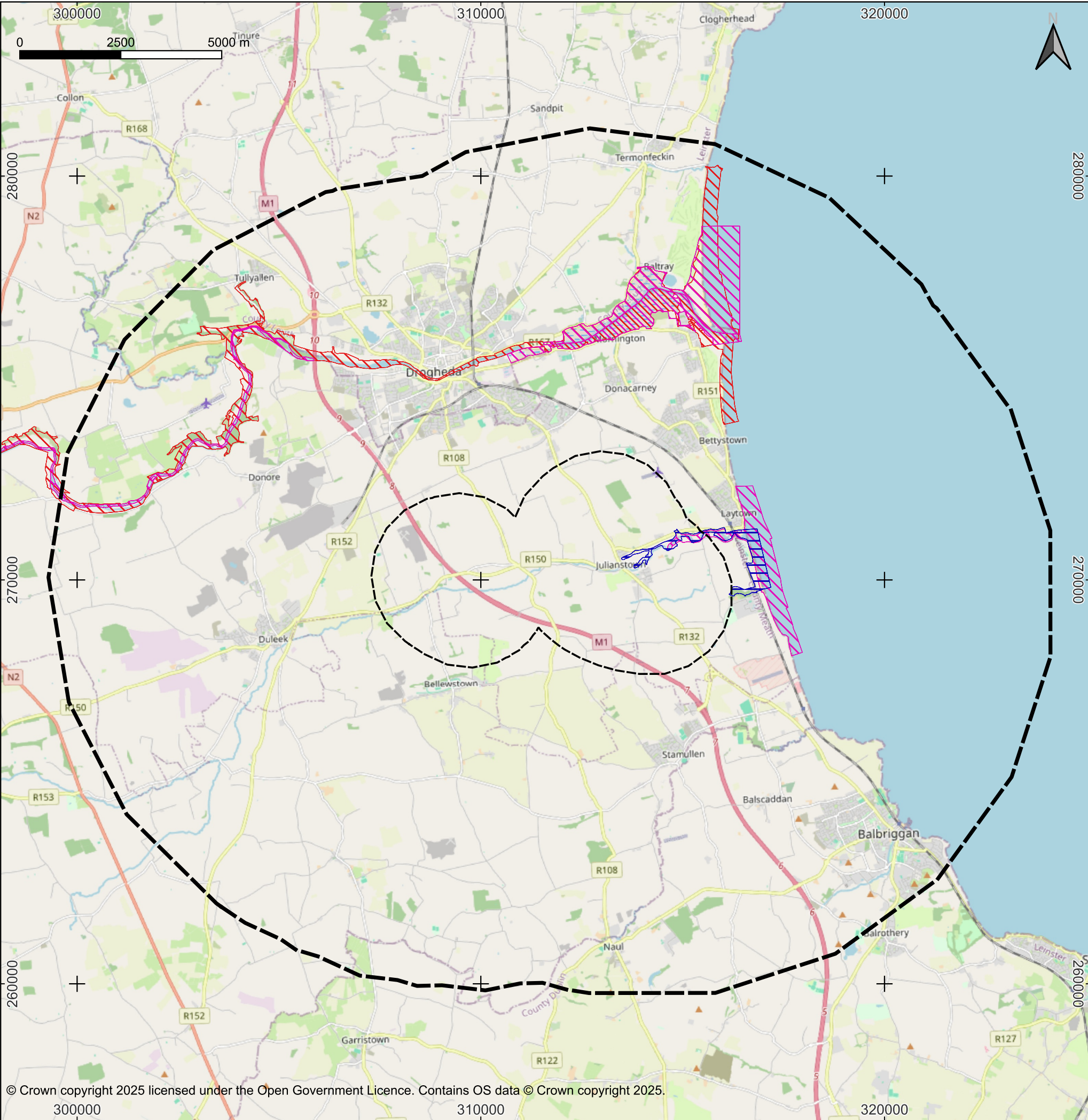
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Figure 5.1 Meath CDP Land Use Zoning Objectives

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LEGEND

Project Boundaries

- Study Area Boundary 2km
- Study Area Boundary 10km

Biodiversity

- Proposed Natural Heritage Areas (within 2km study area)
- Special Protection Areas
- Special Areas of Conservation

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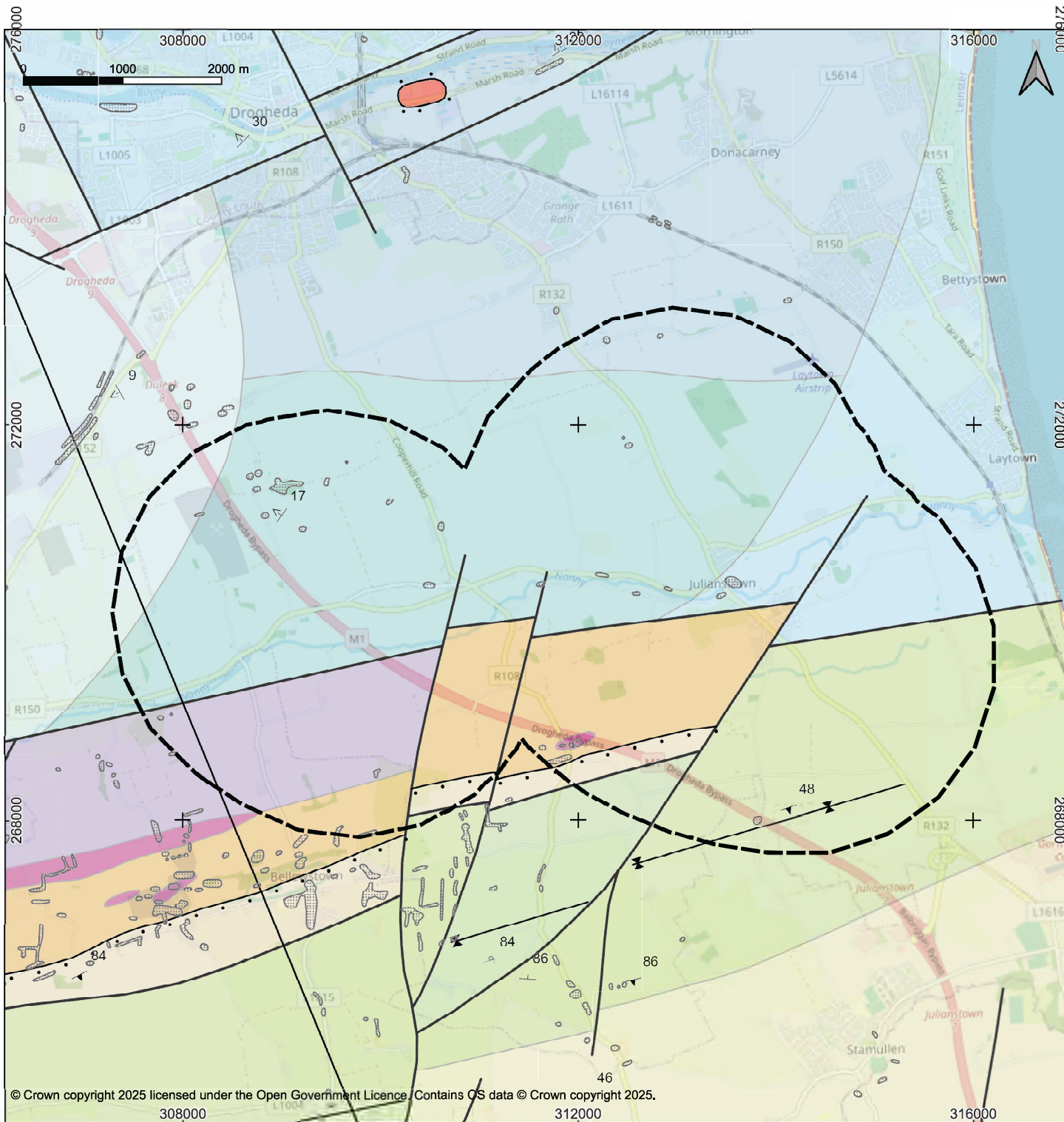
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Figure 6.1 Designated Sites for Nature Conservation

DRAWN	CM	CHECKED	LW	APPROVED	TFT
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LEGEND

Bedrock Geology 100K

Study Area Boundary

Crufy Formation

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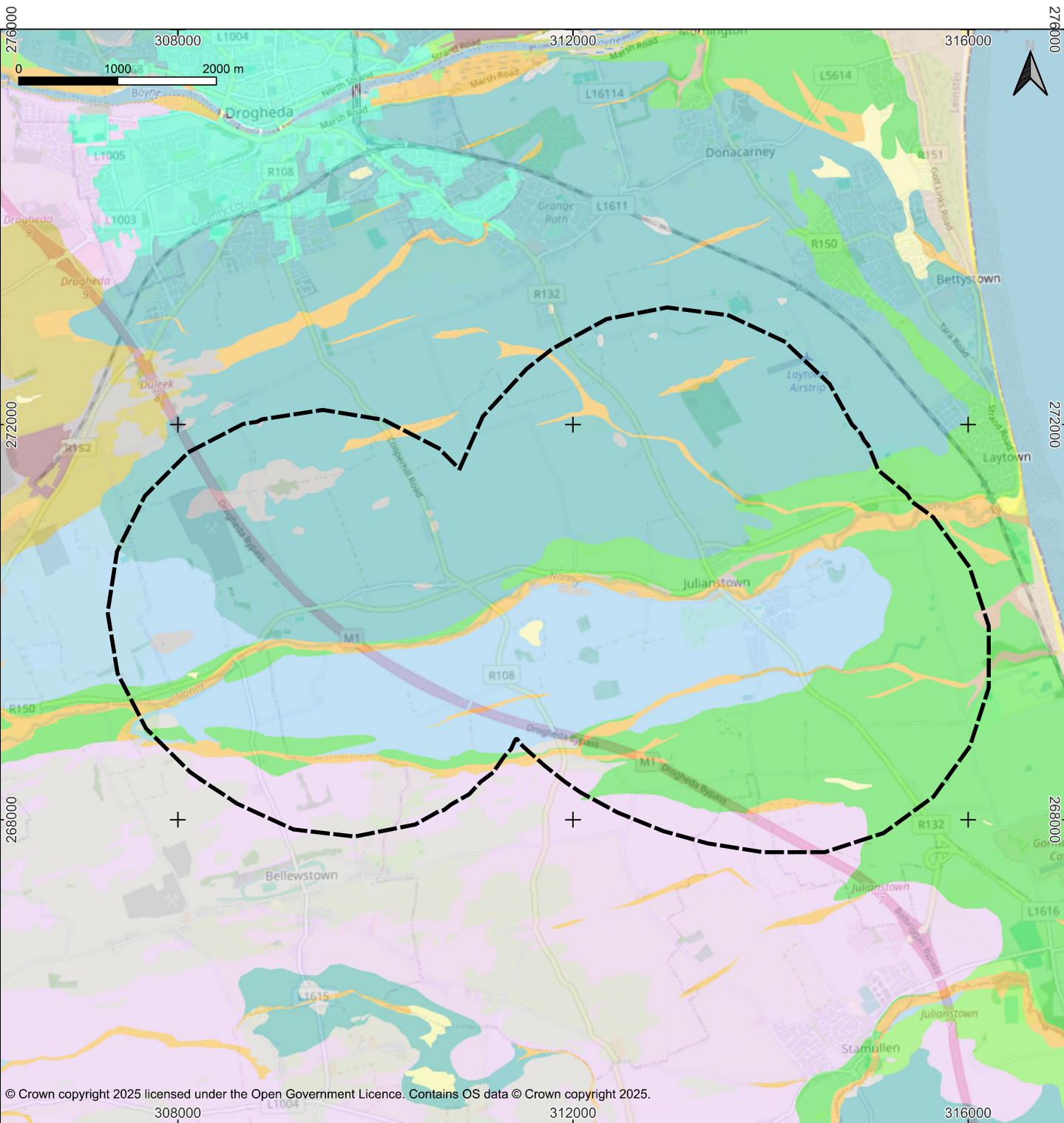
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Selection: Environmental Constraints

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Figure 7.1 Bedrock Geology

DRAWN	LW	CHECKED	LW	APPROVED	TFT
ORIGINAL DRG. SIZE	A3	DATE	12/12/2025	SCALE	1:40000
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LEGEND

 Study Area Boundary

Superficial Geology Including Quaternary Sediments 50k

 Irish Sea Till derived from Lower Palaeozoic sandstones and shales

 Till derived from limestones

 Gravels derived from limestones

 Till derived from Lower Palaeozoic sandstones and shales

 Lacustrine sediments

 Alluvium

 Karstified bedrock outcrop or subcrop

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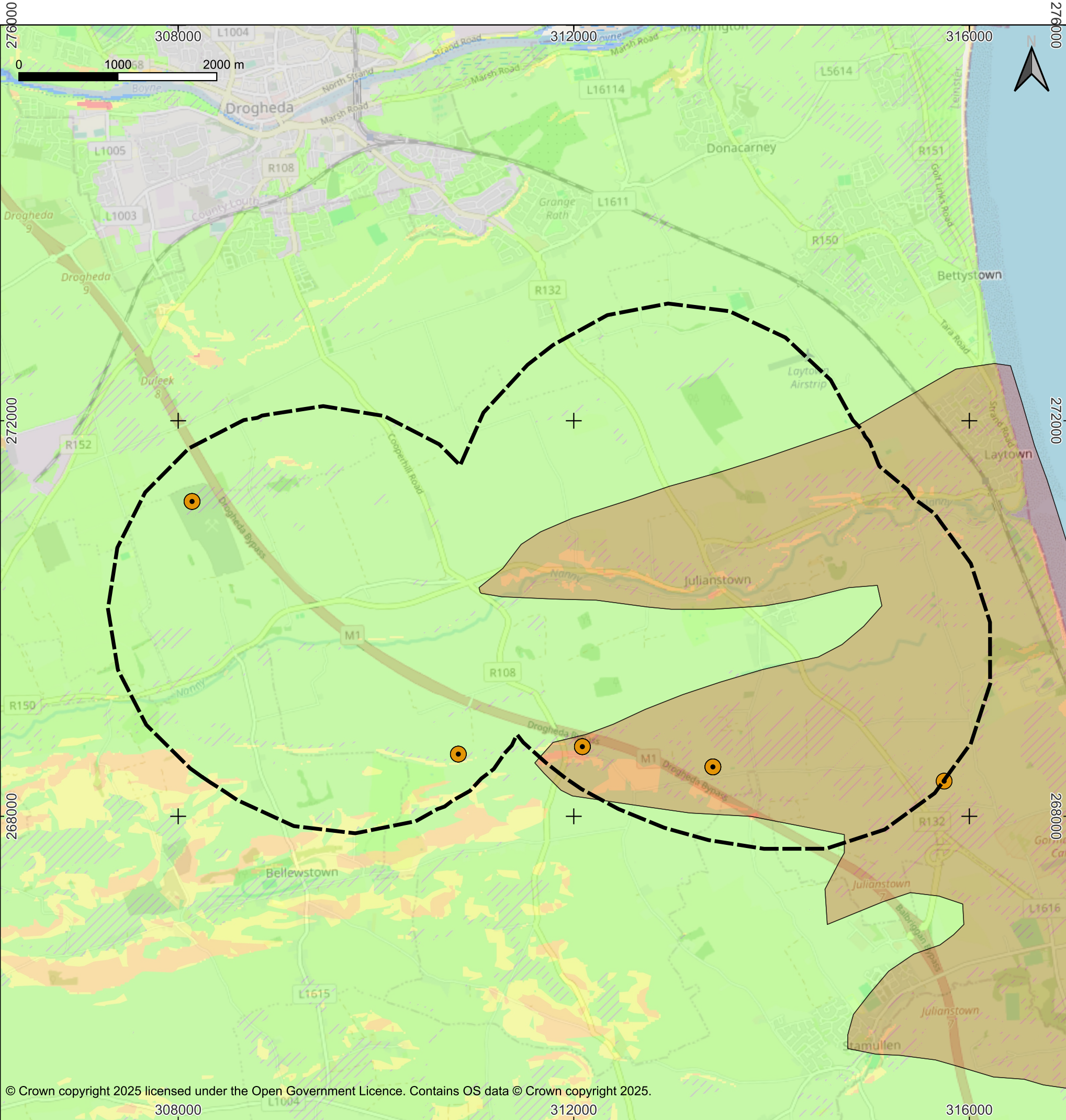
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Selection: Environmental Constraints

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Figure 7.2 Superficial Geology

DRAWN	LW	CHECKED	LW	APPROVED	TFT
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LEGEND

- Study Area Boundary
- Quarry Register
- Geohazards Audited Sites

Landslide Susceptibility Classification 50K

Landslide Susceptibility Classification Description

- Low
- Low (inferred)
- Moderately Low
- Moderately Low (inferred)
- Moderately High
- Moderately High (inferred)
- High
- High (inferred)
- Made
- Water

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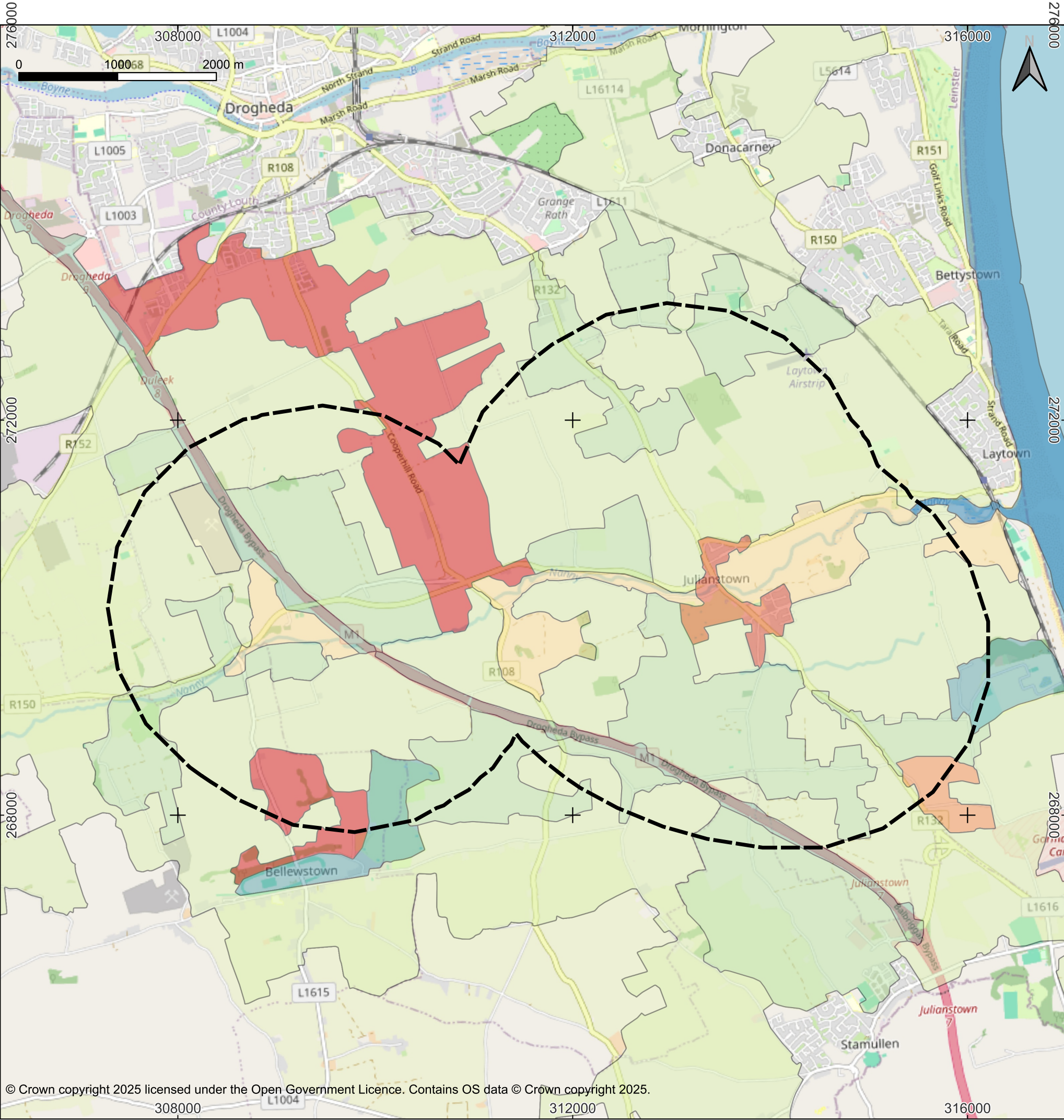
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Selection: Environmental Constraints

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Figure 7.3 Geological Constraints

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- LEGEND
- Study Area Boundary
 - Complex cultivation patterns
 - Discontinuous urban fabric
 - Dump sites
 - Intertidal flats
 - Land principally occupied by agriculture, with significant areas of natural vegetation
 - Mineral extraction sites
 - Non-irrigated arable land
 - Pastures
 - Road and rail networks and associated land
 - Sport and leisure facilities

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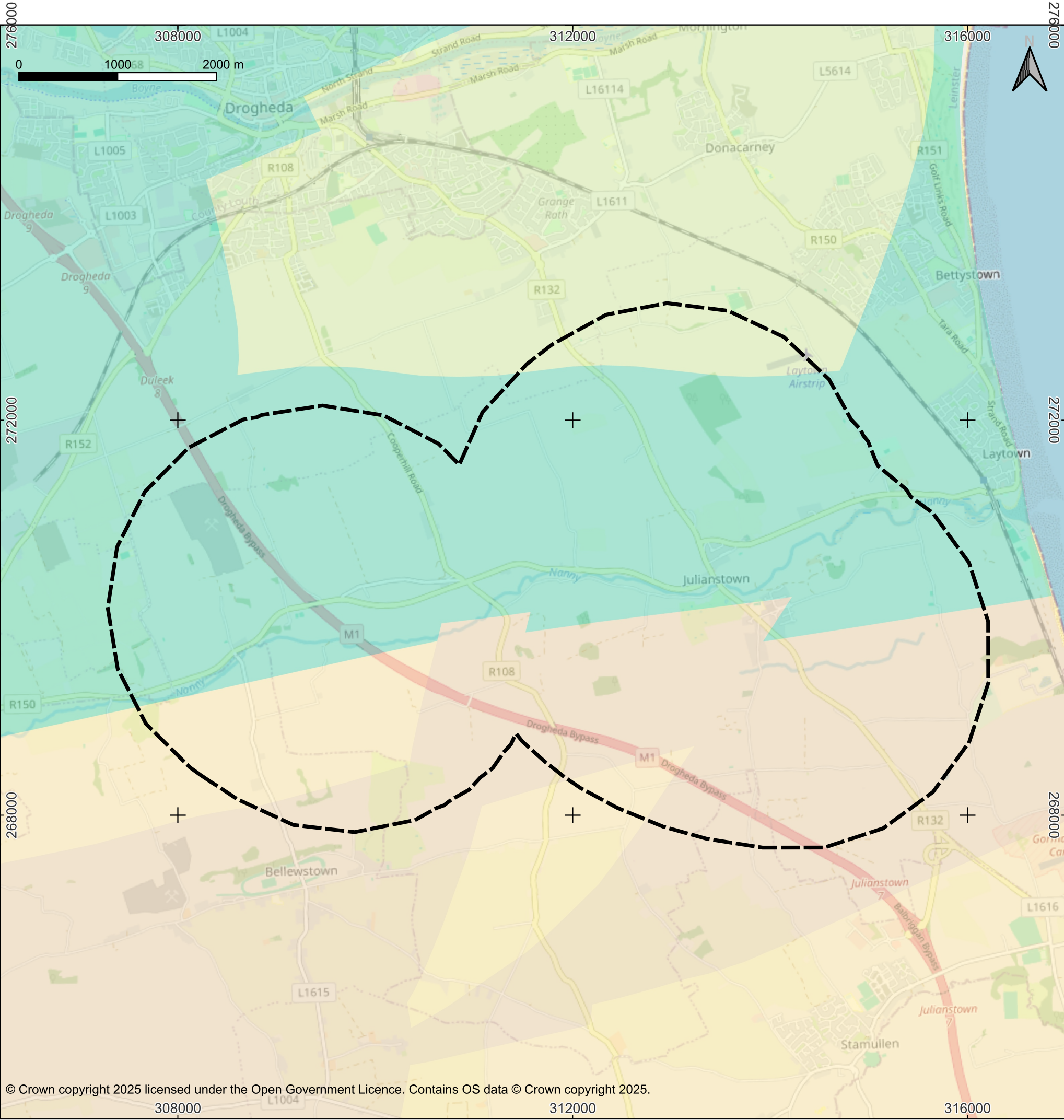
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Selection: Environmental Constraints

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Figure 7.4 Land Cover (Corine 2018)

DRAWN	CM	CHECKED	LW	APPROVED	TFT
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LEGEND

Study Area Boundary

Bedrock Aquifers 100K

Rkc - Regionally Important Aquifer - Karstified (conduit)

Rkd - Regionally Important Aquifer - Karstified (diffuse)

Rk - Regionally Important Aquifer - Karstified

Rf - Regionally Important Aquifer - Fissured bedrock

Rf/Rk - Regionally Important Aquifer - Fissured bedrock/Regionally Important Aquifer - Karstified

Lm - Locally Important Aquifer - Bedrock which is Generally Moderately Productive

Lk - Locally Important Aquifer - Karstified

Li - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones

Pl - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

Pui - Poor Aquifer - Bedrock which is Generally Unproductive

Lake

Unclassified

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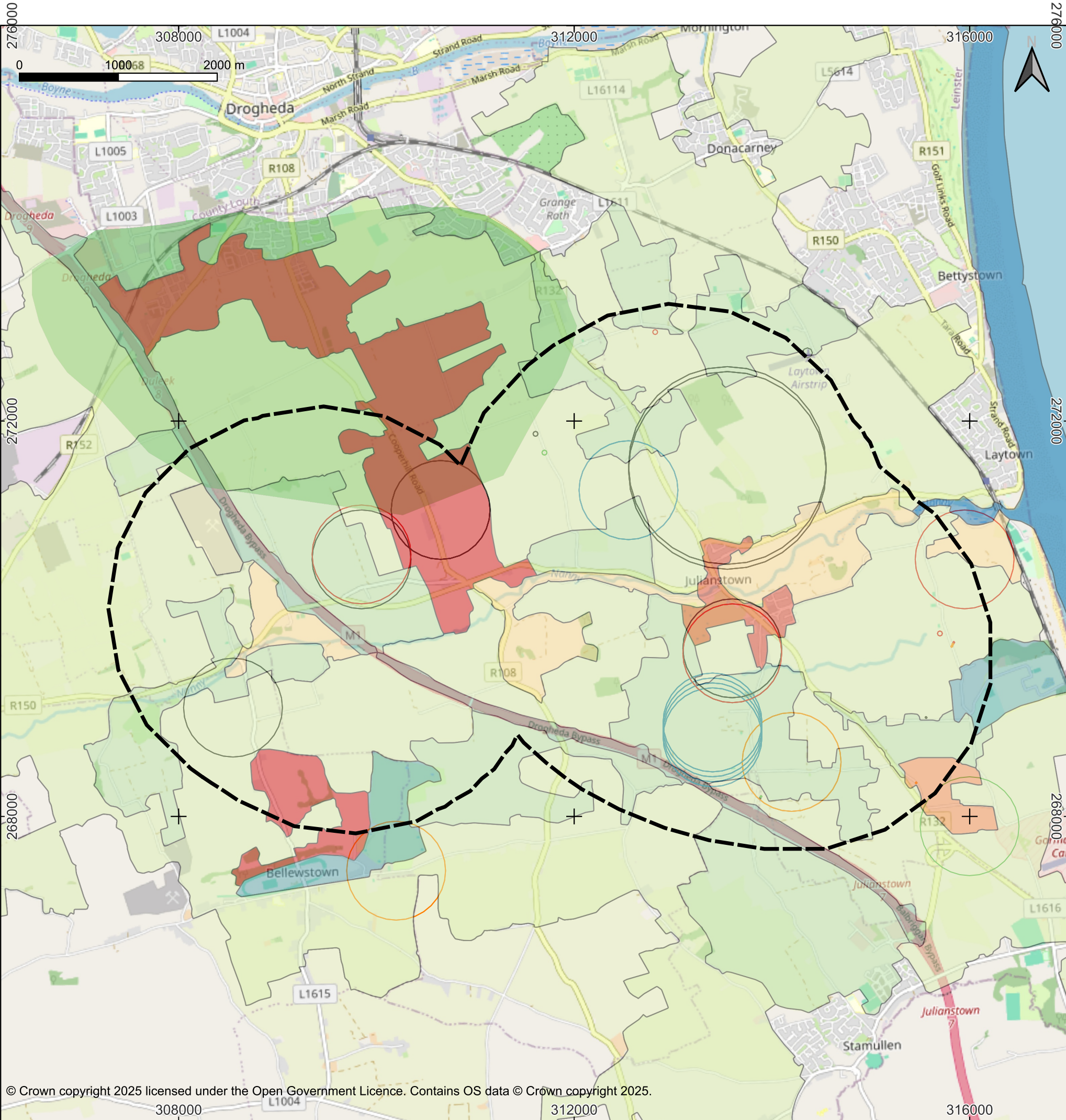
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Selection: Environmental Constraints

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Figure 8.1 Bedrock Aquifers

DRAWN	LW	CHECKED	LW	APPROVED	TFT
ORIGINAL DRG. SIZE	A3	DATE	12/12/2025	SCALE	1:40000
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LEGEND

Study Area Boundary

Corine Land Cover 2018

Complex cultivation patterns

Discontinuous urban fabric

Dump sites

Intertidal flats

Land principally occupied by agriculture, with significant areas of natural vegetation

Mineral extraction sites

Non-irrigated arable land

Pastures

Road and rail networks and associated land

Sport and leisure facilities

Hydrogeology

Public Water Supply Source Protection Areas

Groundwater Wells & Springs

Agricultural & Domestic

Domestic

Public supply

Other

Unknown

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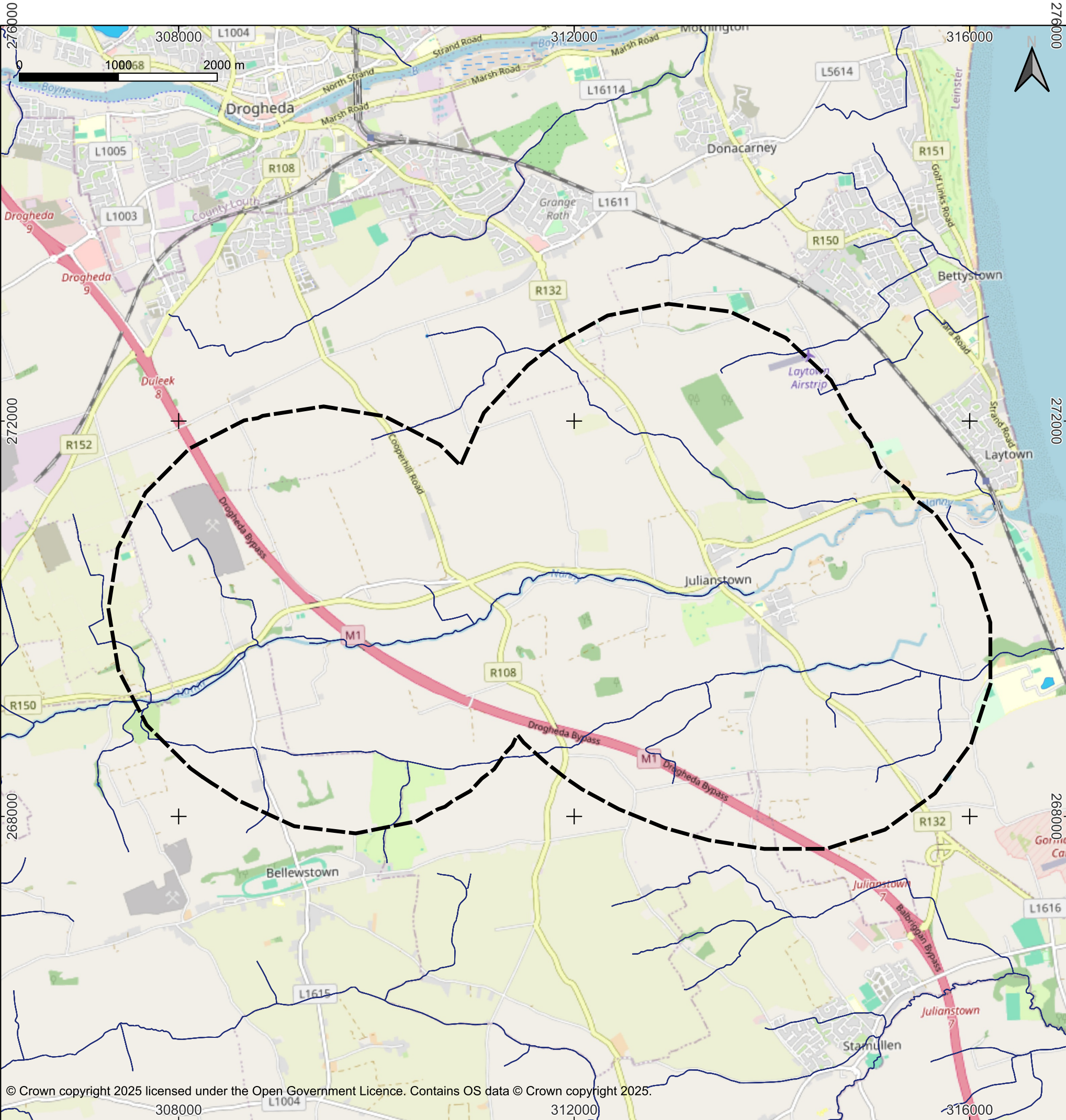
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Figure 8.3 Hydrogeological Constraints

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- LEGEND
- Study Area Boundary
 - River Net Routes
 - Lake Segment

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Selection: Environmental Constraints

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Figure 9.1 Surface Water Features

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Study Area Boundary

Drainage District Channels

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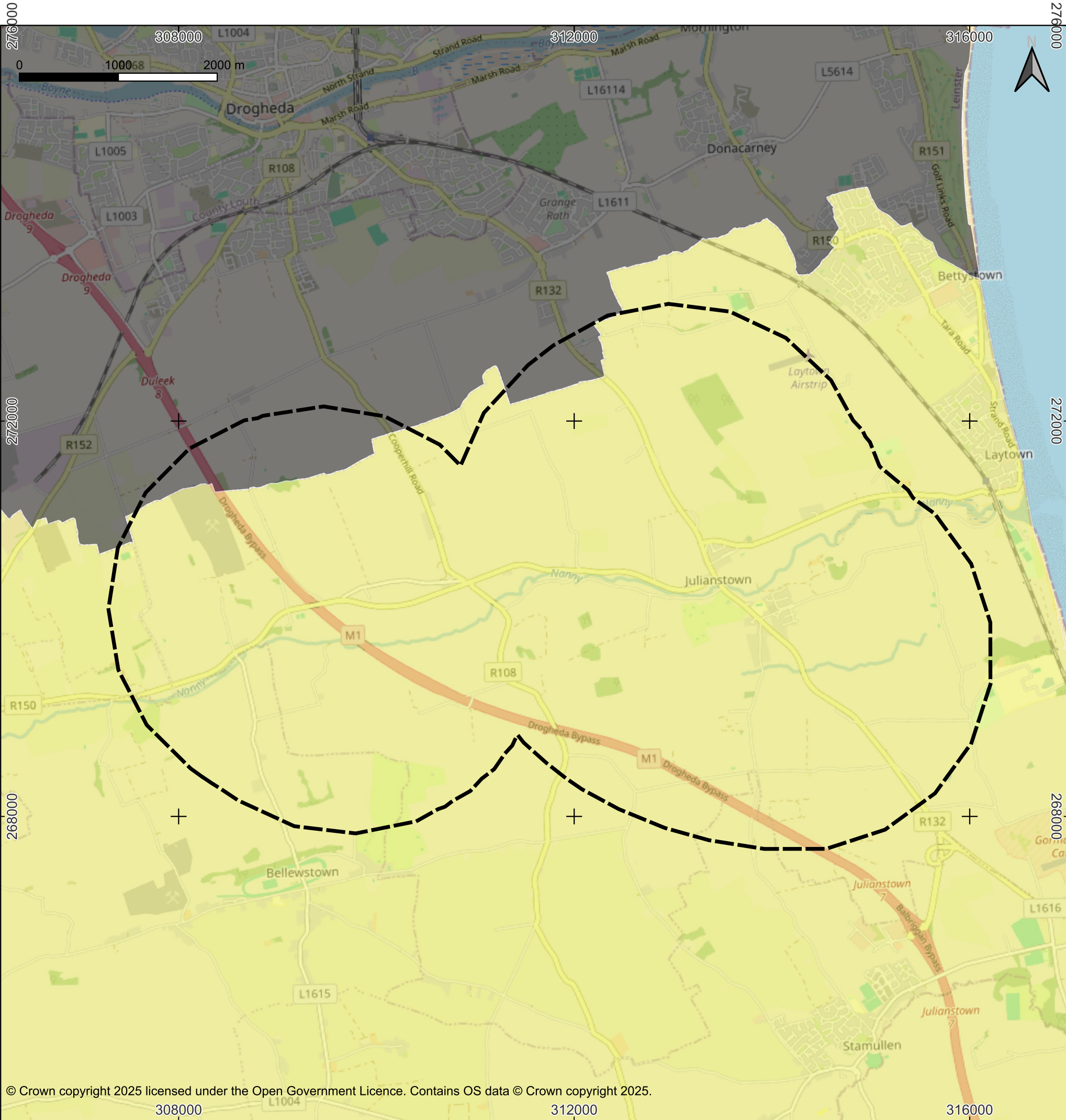
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Selection: Environmental Constraints

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Figure 9.3 Drainage Districts

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- LEGEND
- Study Area Boundary
 - Air Zone
 - Cities and Large Towns
 - Rural Ireland

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Figure 10.1 Air Quality Zones

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LEGEND

Study Area Boundary

Noise & Vibration

- 49 - 59dB
- 59 - 64dB
- 64 - 69dB
- 69 - 74dB
- 74 - 99dB

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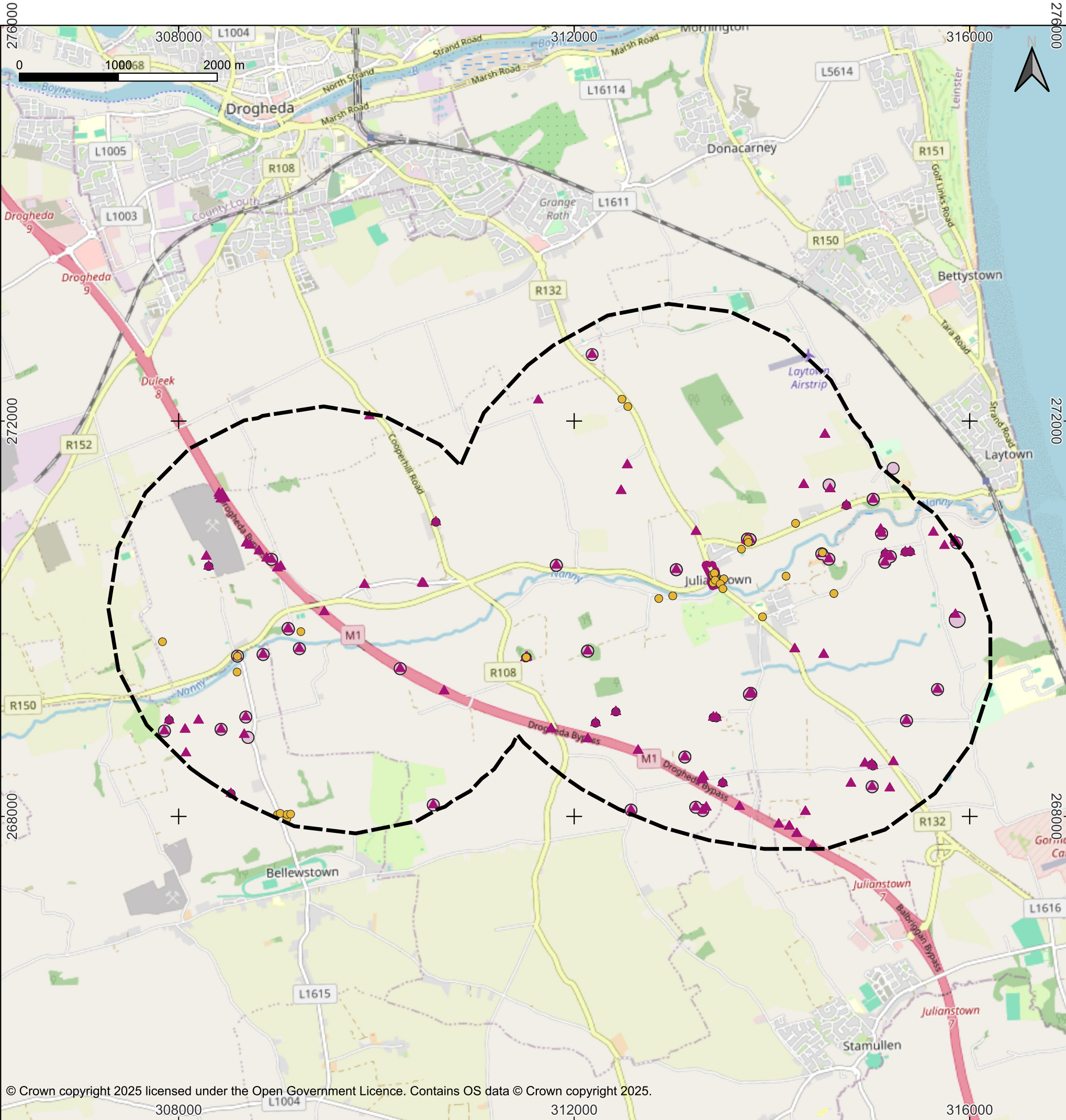
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Selection: Environmental Constraints

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Figure 11.1 Noise Levels

DRAWN	CM	CHECKED	LW	APPROVED	TFT
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LEGEND

Study Area Boundary

Record of Protected Structures

Recorded Registered and National Monuments

Architectural Conservation Area

Zone of Archaeological Notification

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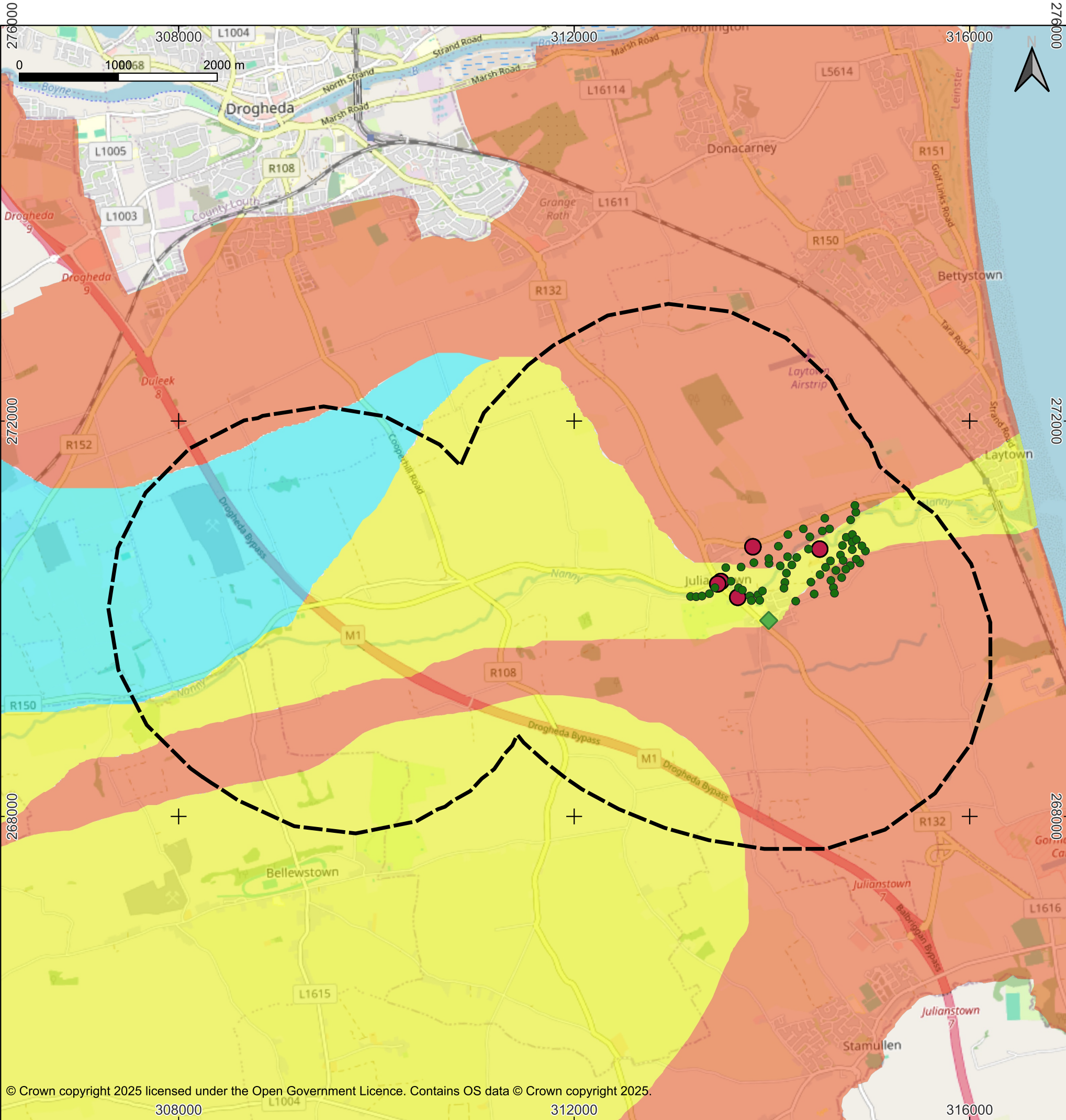
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Selection: Environmental Constraints

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Figure 13.1 Archaeological and Cultural Heritage Constraints

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LEGEND

Study Area Boundary

Landscape & Visual

Tree Preservation Order

Trees to be Protected

Protected View and Prospect

Landscape Character Area

High Value

Moderate Value

Very High Value

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Figure 14.1 Landscape and Visual Constraints

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