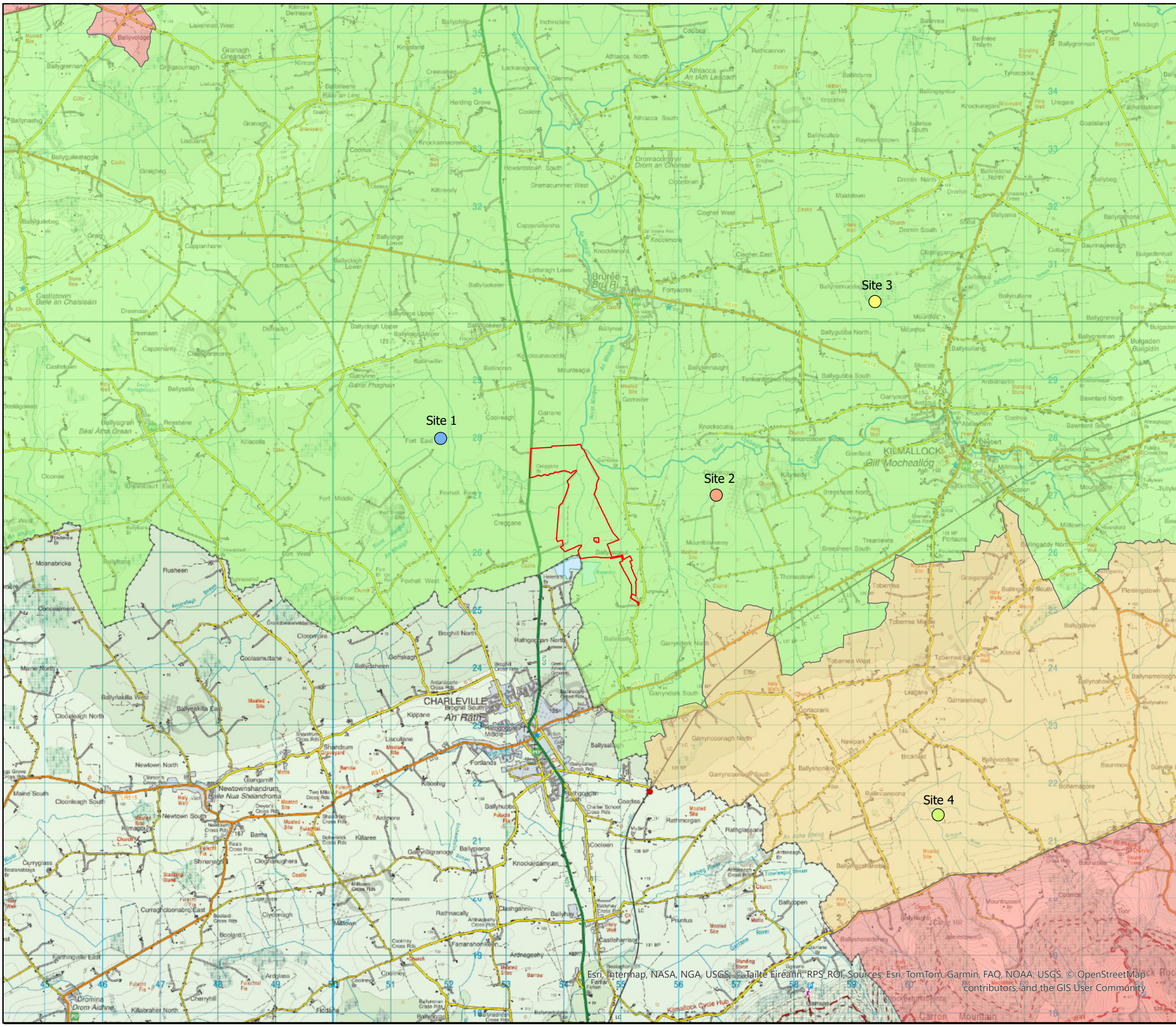




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Legend

Redline Boundary

Preferred Areas

Areas Open for Consideration

Areas Unsuitable

Site 1

Site 2

Site 3

Site 4

00.512Km

Client

Garrane Green Energy Limited

Project

Garrane Green Energy Project

Title

Site Selection based on Wind
Energy Designations

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Date02/07/2025

Revision0

Job No.6839

Scale1:50,000

StageEIAR

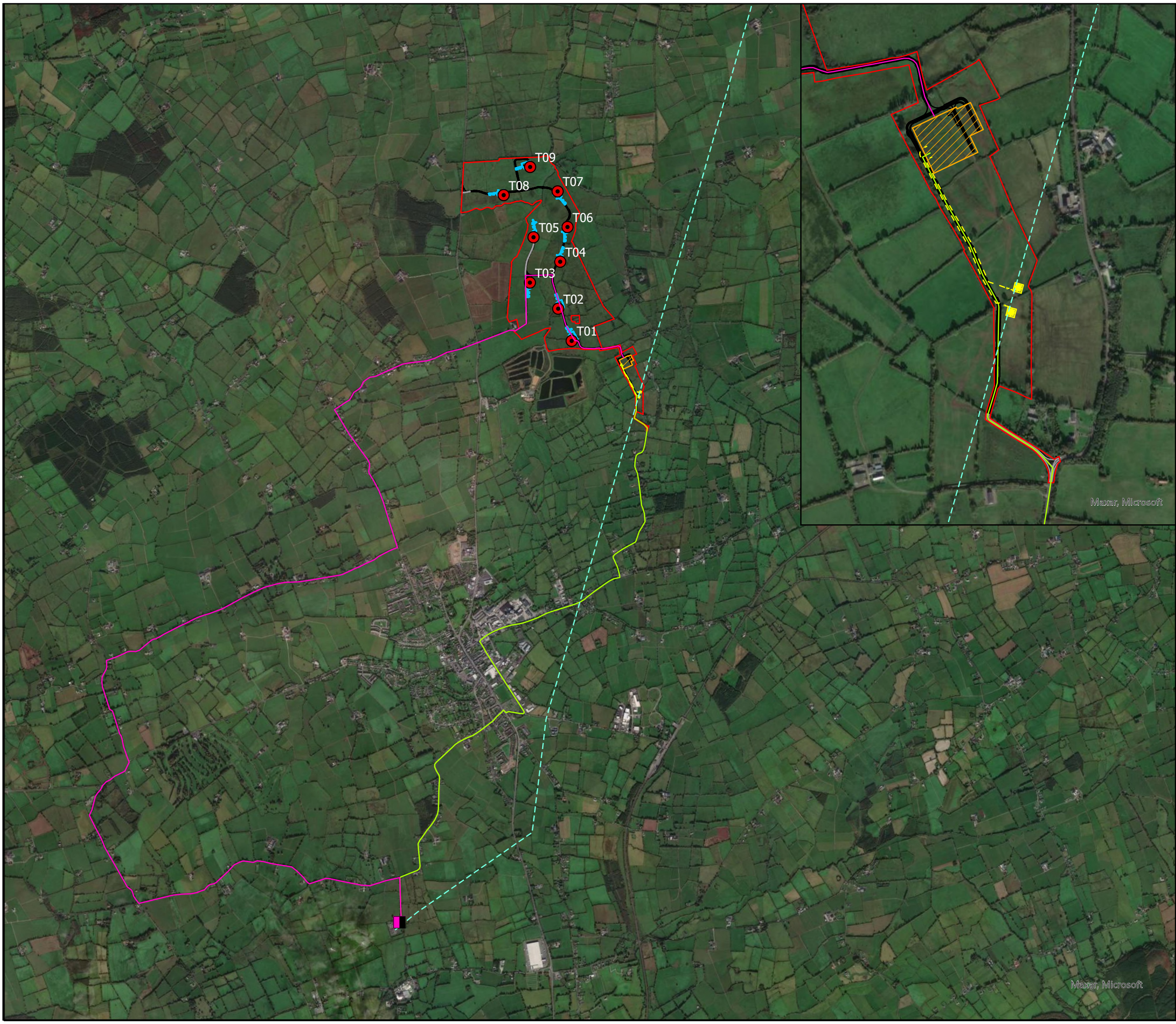
Figure3.1

DrawingPOD

CheckedSM

ApprovedSM

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Legend

Redline Boundary

Proposed Turbines

Hardstands

110kV Onsite Substation

Grid Connection Towers

Grid Connection Cabling

Over Head Line (Charleville to Killonan)

Proposed New Access Tracks (Permanent)

Existing Farm Tracks to be Modified (Permanent)

Charleville 110kV Substation to Site (Option 2A)

Charleville 110kV Substation to Site (Option 2B)

Charleville 110kV Substation

00.512

Km

Client

Garrane Green Energy Limited

Project

Garrane Green Energy Project

Title

Grid Connection Options

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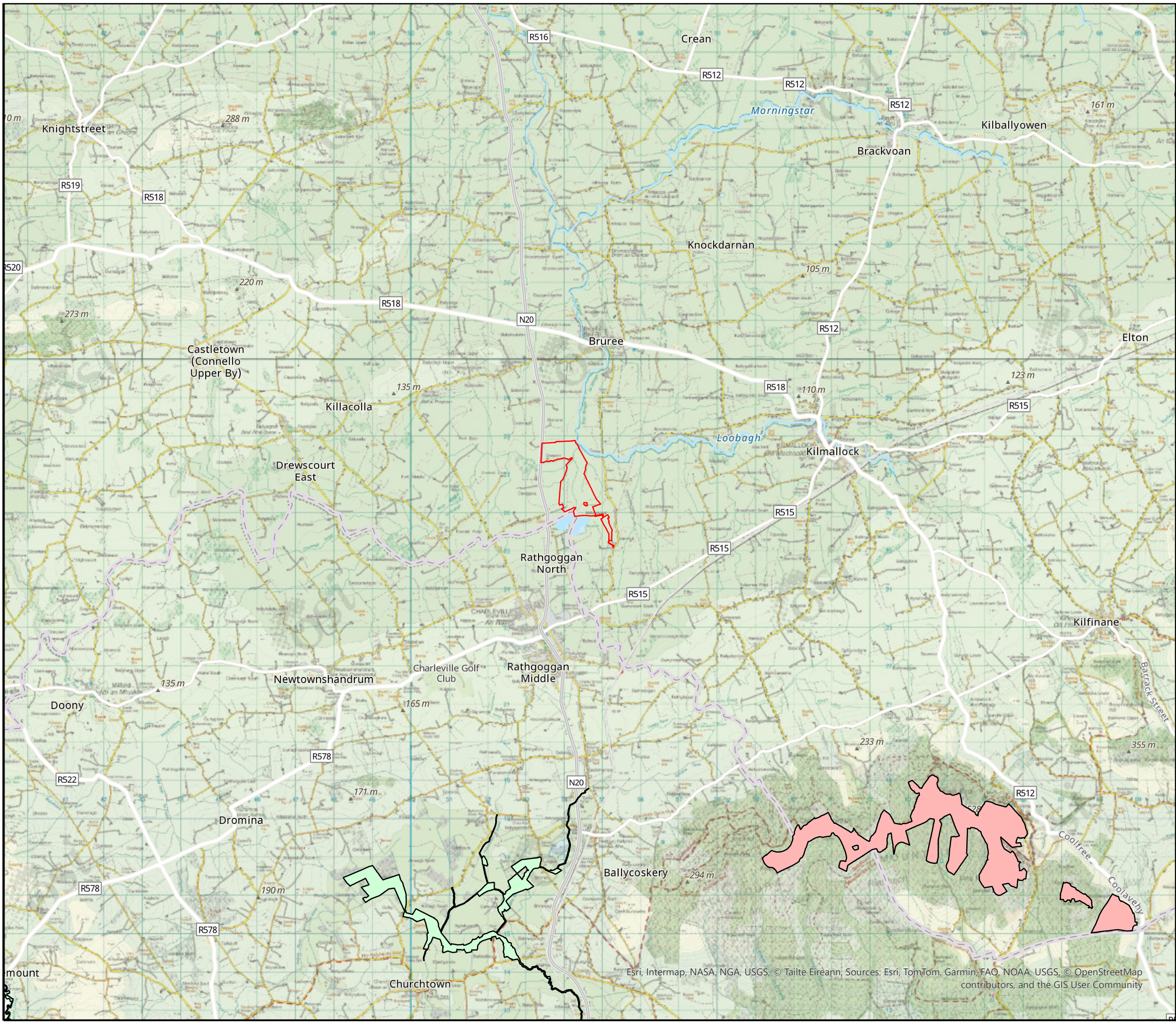
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Legend

Redline Boundary

Ballyhoura Mountains SAC

Blackwater River (Cork/Waterford) SAC

01.252.55 Km

Client

Garrane Green Energy Limited

Project

Garrane Green Energy Project

Title

Location of Designated Natura 2000 Sites

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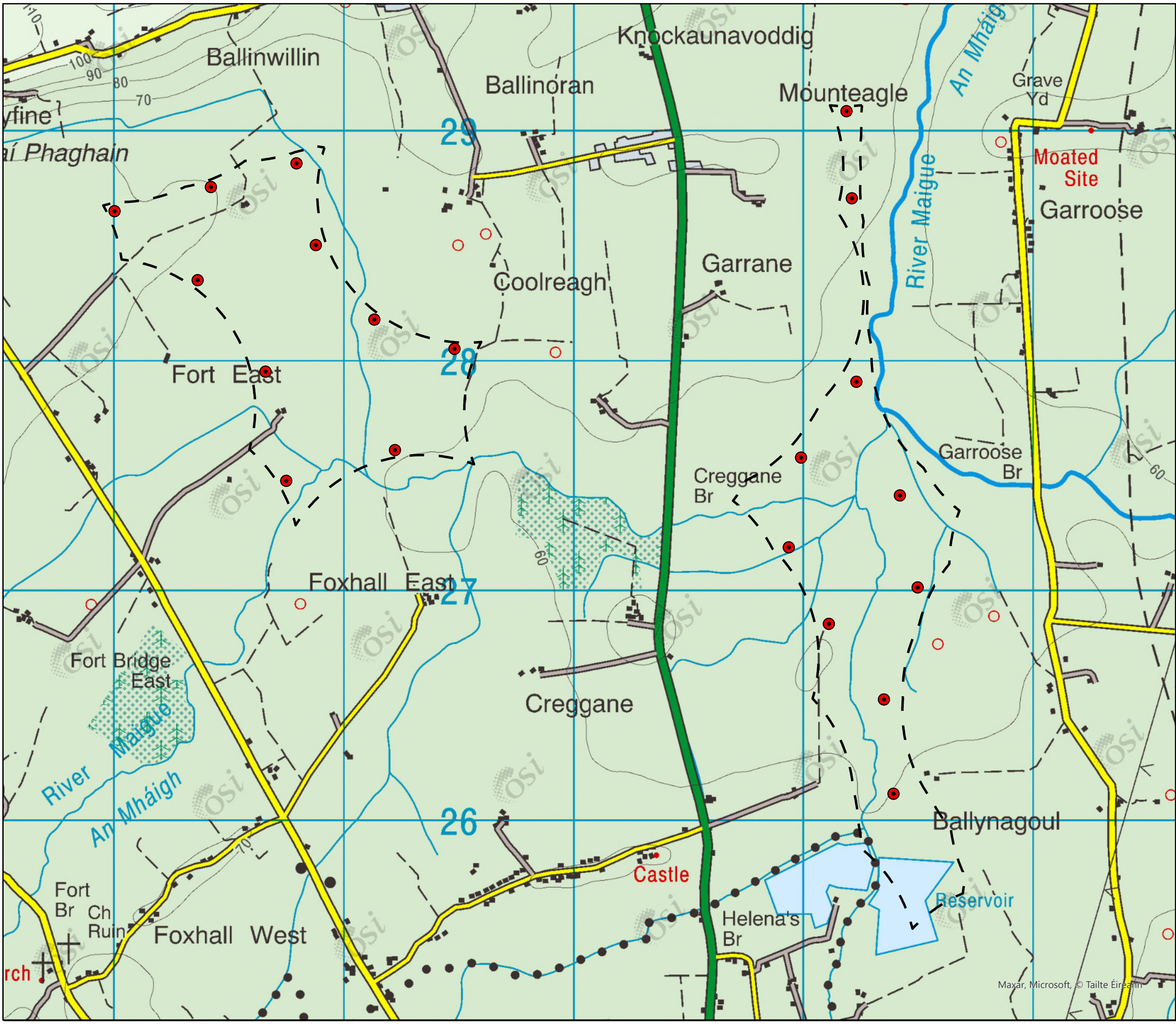
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Date26/06/2025Revision0Job No.6839

Scale1:90,000StageEIARFigure3.3

DrawingPODCheckedSMApprovedSM



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Legend

Proposed Turbines

House Setback Buffer

00.250.51 Km

Client

Garrane Green Energy Limited

Project

Garrane Green Energy Project

Title

20 Turbine Layout

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Scale1:15,000

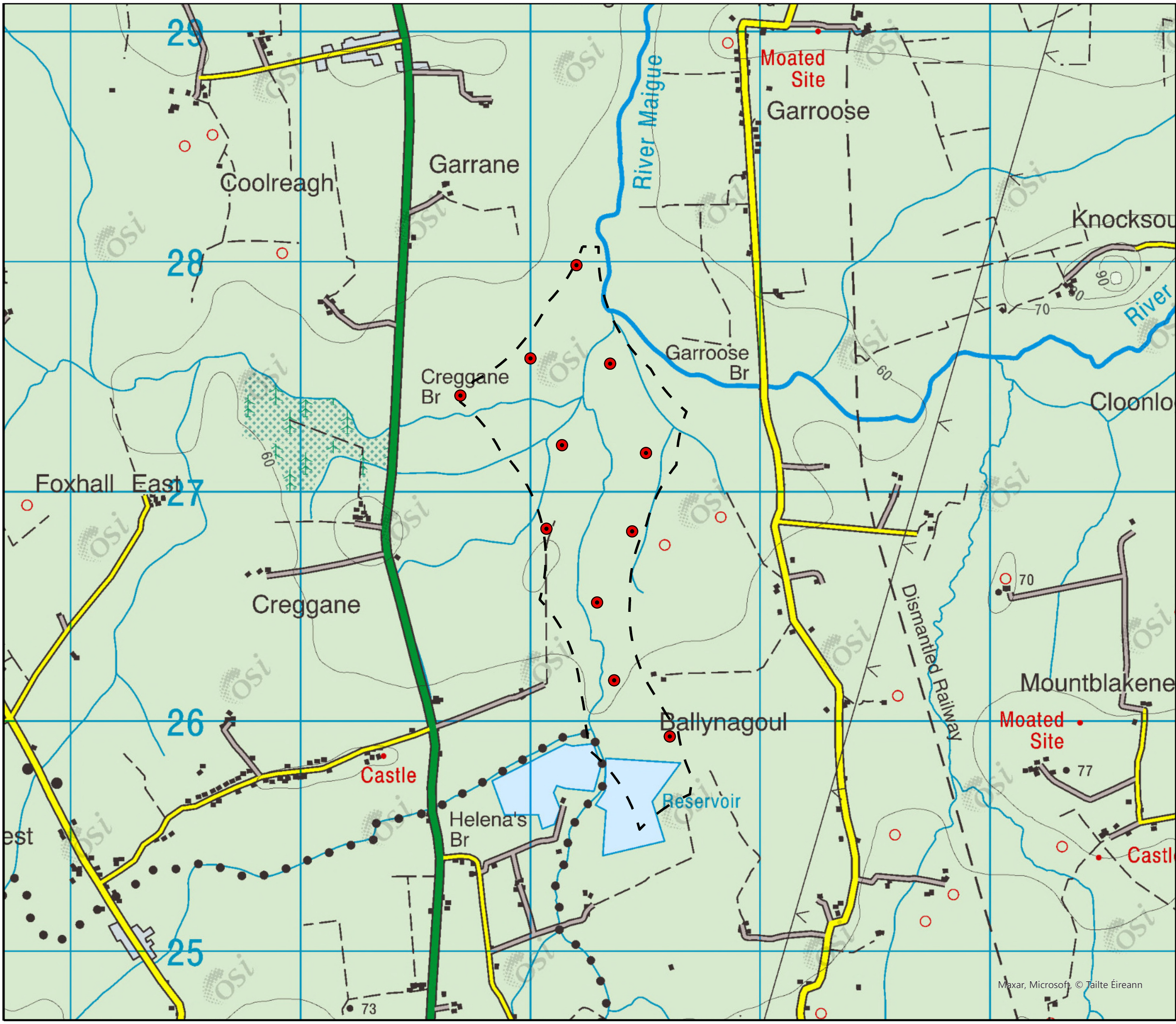
StageEIAR

Figure3.4

DrawingPOD

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ApprovedSM



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Legend

Proposed Turbines

House Setback Buffer

00.250.51 Km

Client

Garrane Green Energy Limited

Project

Garrane Green Energy Project

Title

11 Turbine Layout

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Scale1:15,000

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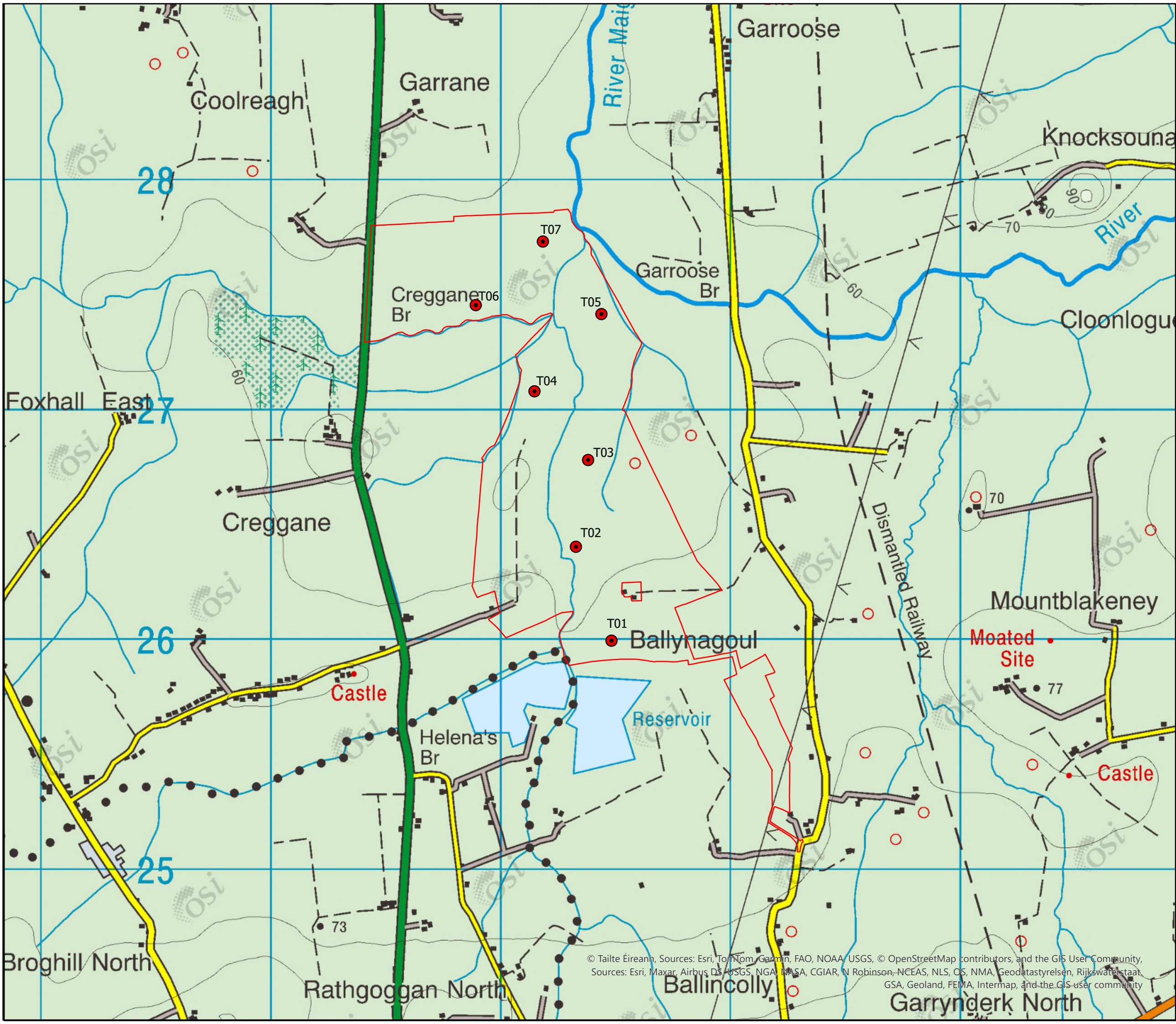
Figure3.5

DrawingPOD

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Legend

- Redline Boundary
- Proposed Turbines

0 0.25 0.5 1 Km

Client
Garrane Green Energy Limited

Project
Garrane Green Energy Project

Title
7 Turbine Layout

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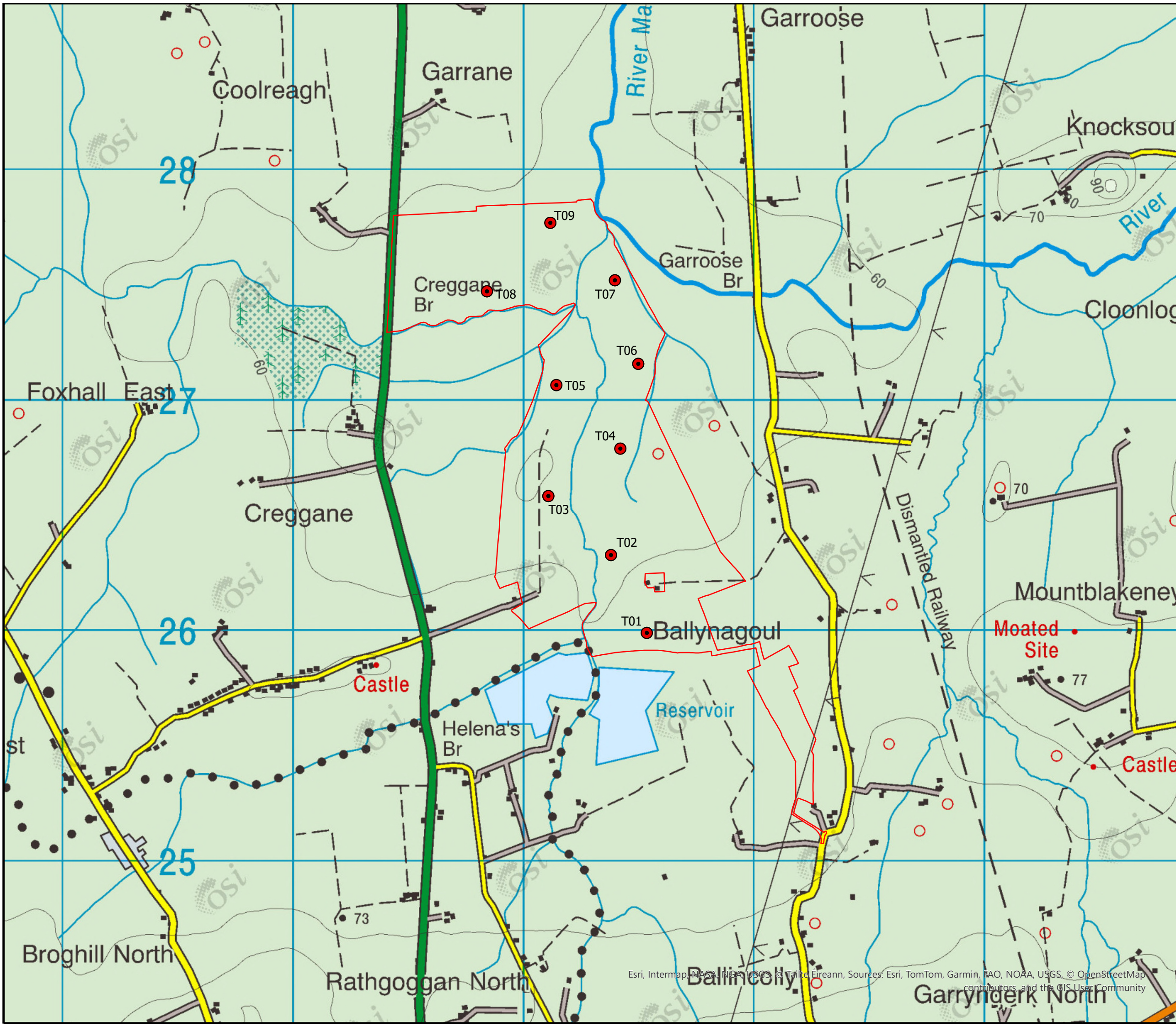
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Date	02/07/2025	Revision	0	Job No.	6839
Scale	1:15,000	Stage	EIAR	Figure	3.6a
Drawing	POD	Checked	SM	Approved	SM

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Legend

Redline Boundary

Proposed Turbines

00.250.51 Km

Client

Garrane Green Energy Limited

Project

Garrane Green Energy Project

Title

9 Turbine Layout

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Job No.6839

Scale1:15,000

StageEIAR

Figure3.6b

DrawingPOD

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Legend

- Redline Boundary
- Turbines Locations
- Metmast
- Crane Pad
- Hardstands
- Water Crossing
- Wheel Wash Area
- Grid Connection Towers
- Grid Connection Cabling
- 110kV Onsite Substation
- Existing Outfall Pipe Location
- Temporary Construction Compound
- Permanent Spoil Storage Area (Berm)
- 6 No. Temporary Spoil Storage Areas
- Crossing of Industrial Outflow Pipelines
- Over Head Line (Charleville to Killonan)
- Proposed New Access Tracks (Permanent)
- Existing Farm Tracks to be Modified (Permanent)
- Proposed New Native Woodland (Post Construction)
- National Inventory of Architectural Heritage
- Sites and Monuments Record
- Zones of Notification
- Telecoms Links
- River Routes
- 50m Watercourse buffer
- Fluvial Flood Zone 1:100yr

0 0.13 0.25 0.5 Km

Client

Garrane Green Energy Limited

Project

Garrane Green Energy Project

Title

Constraints Map

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Scale	1:12,500	Stage	EIAR	Figure	3.7
Drawing	POD	Checked	SM	Approved	SM