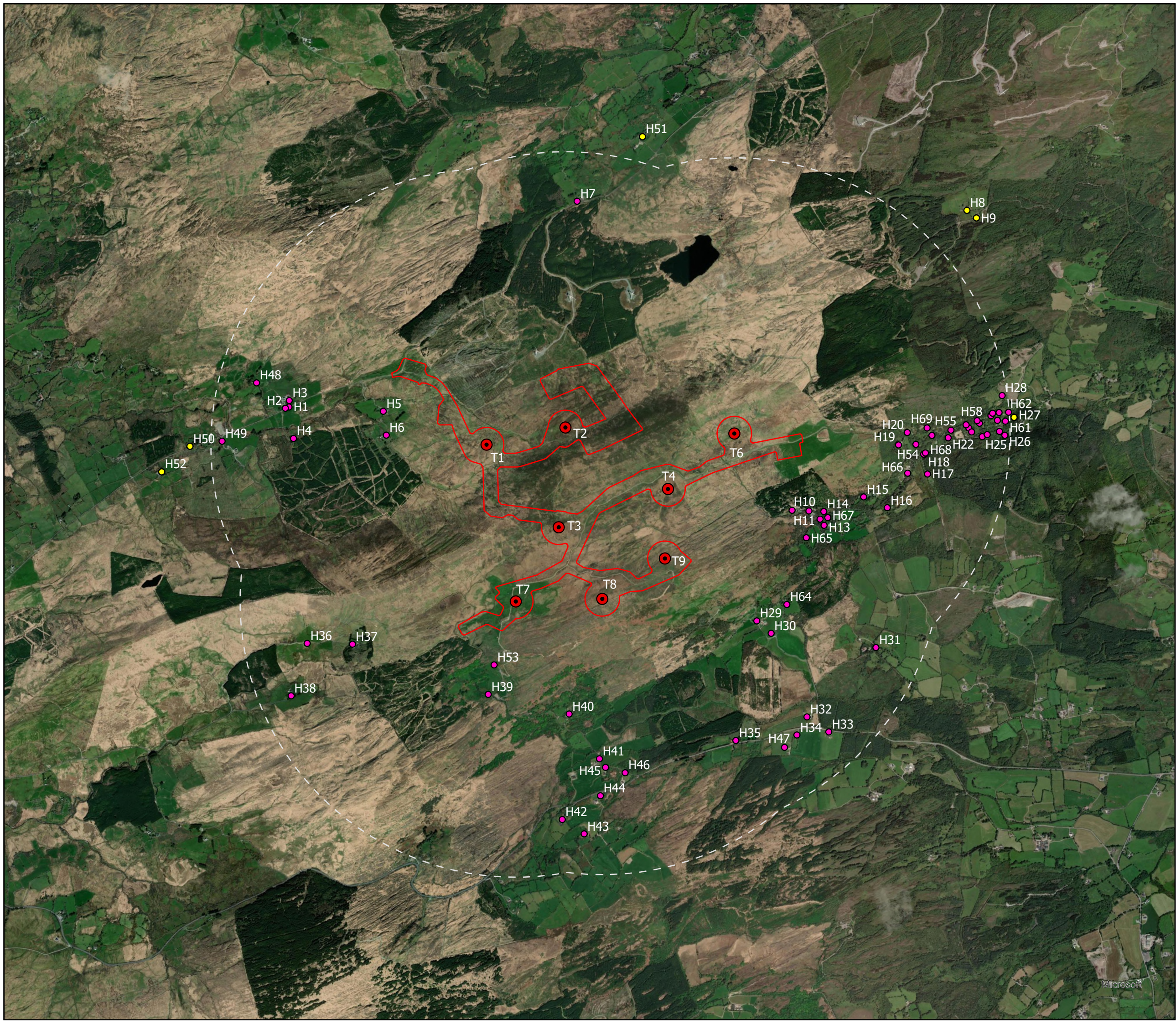


Appendix 5 – Updated Figures

Figure No.	Figure Title
1.3	73 no. Receptors within Shadow Flicker Study Area radius.
2.1	Wind Farm within 20km of the Proposed Development
2.5	Proposed Access Track Construction Details
6.8	Habitat Item Sheets 1 - 15
N/A	Habitat Condition Map Sheets 1 - 12
9.7	Consolidated Drainage and Hydrology Controls Parts A to H



N

Tailte Éireann

CYAL50512615

© Tailte Éireann – Surveying.

The Redline Boundary

Turbine Locations

6 no. receptors outside of the 2km

67 no. receptors within the 2km

2km Buffer

Note: Turbine 5 was omitted during the iterative design process

00.380.751.5

Km

Client

Gortloughra Wind Farm Limited

Project

Gortloughra Wind Farm
Turbine Delivery Route

Title

73 no. Receptors within Shadow Flicker Study Area radius.

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an RSK company

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inJennings O'Donovan & Partners

fJennings O'Donovan

Date

01/08/2026

Revision

0

Job No.

6460

Scale

1:25,000

Stage

FI

Figure

1.3

Drawing

POD

Checked

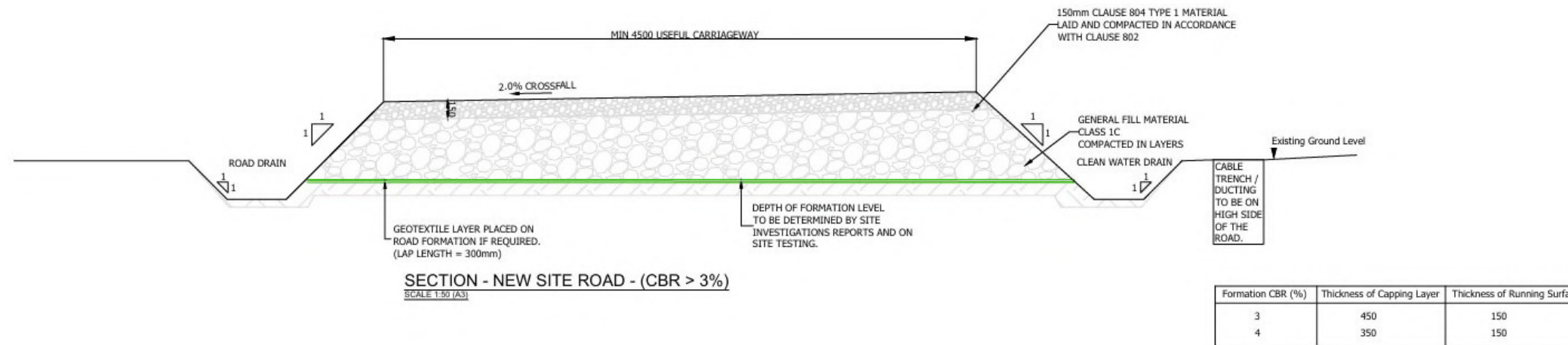
AOG

Approved

AOG



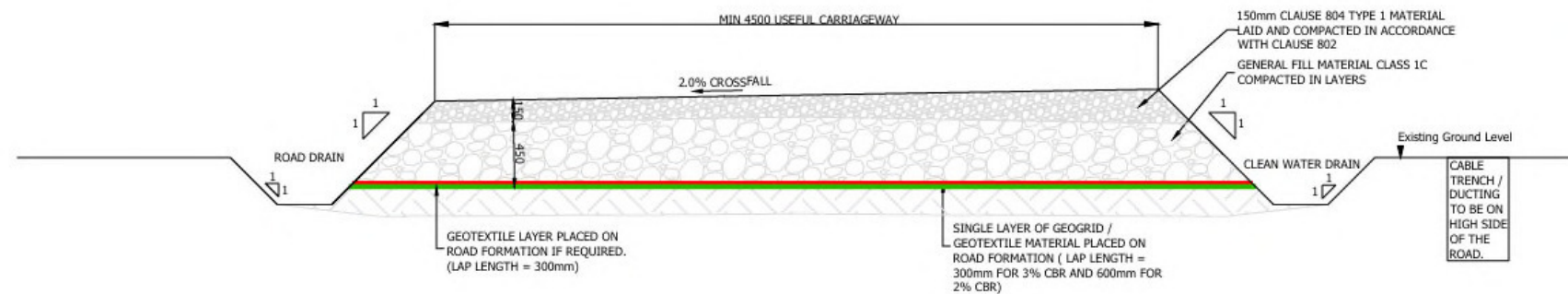
Legend



SECTION - NEW SITE ROAD - (CBR > 3%)

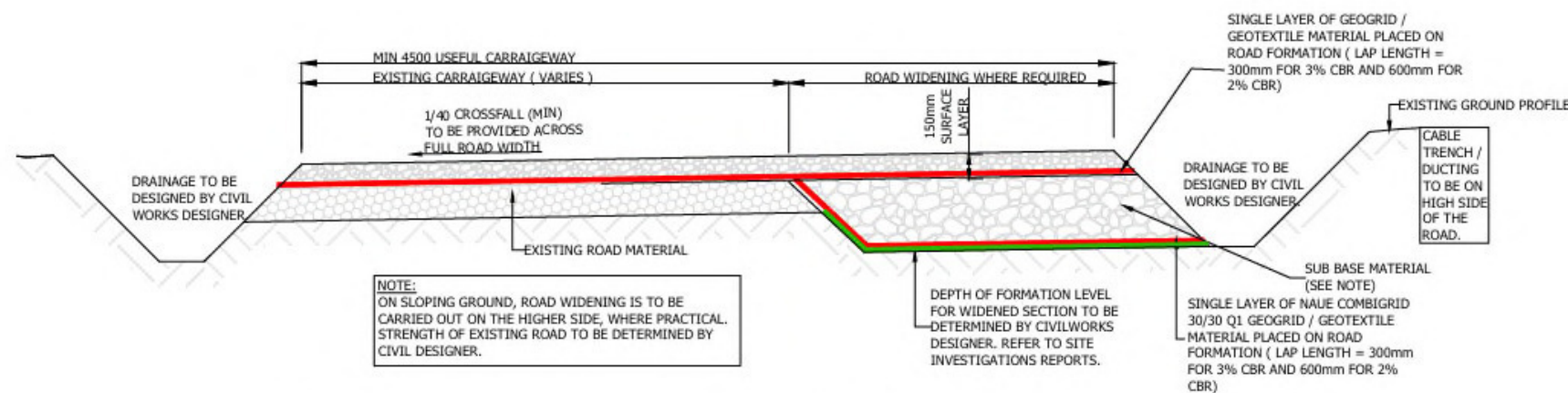
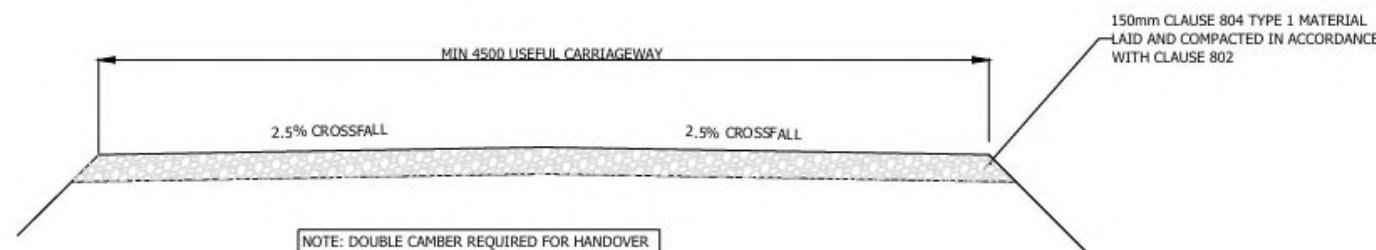
SCALE 1:50 (A3)

GEOTEXTILE LAYER
GEOGRID / GEOTEXTILE LAYER



SECTION - NEW SITE ROAD - (CBR = 2% to 3%)

SCALE 1:50 (A3)



ROAD WIDENING ON EXISTING SITE ROADS WHERE REQUIRED CONSTRUCTION PHASE

SCALE 1:50 (A3)

Client

Gortloughra Wind Farm Limited

Project

Gortloughra Wind Farm

Title

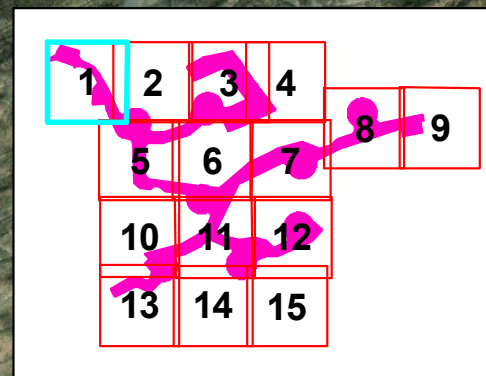
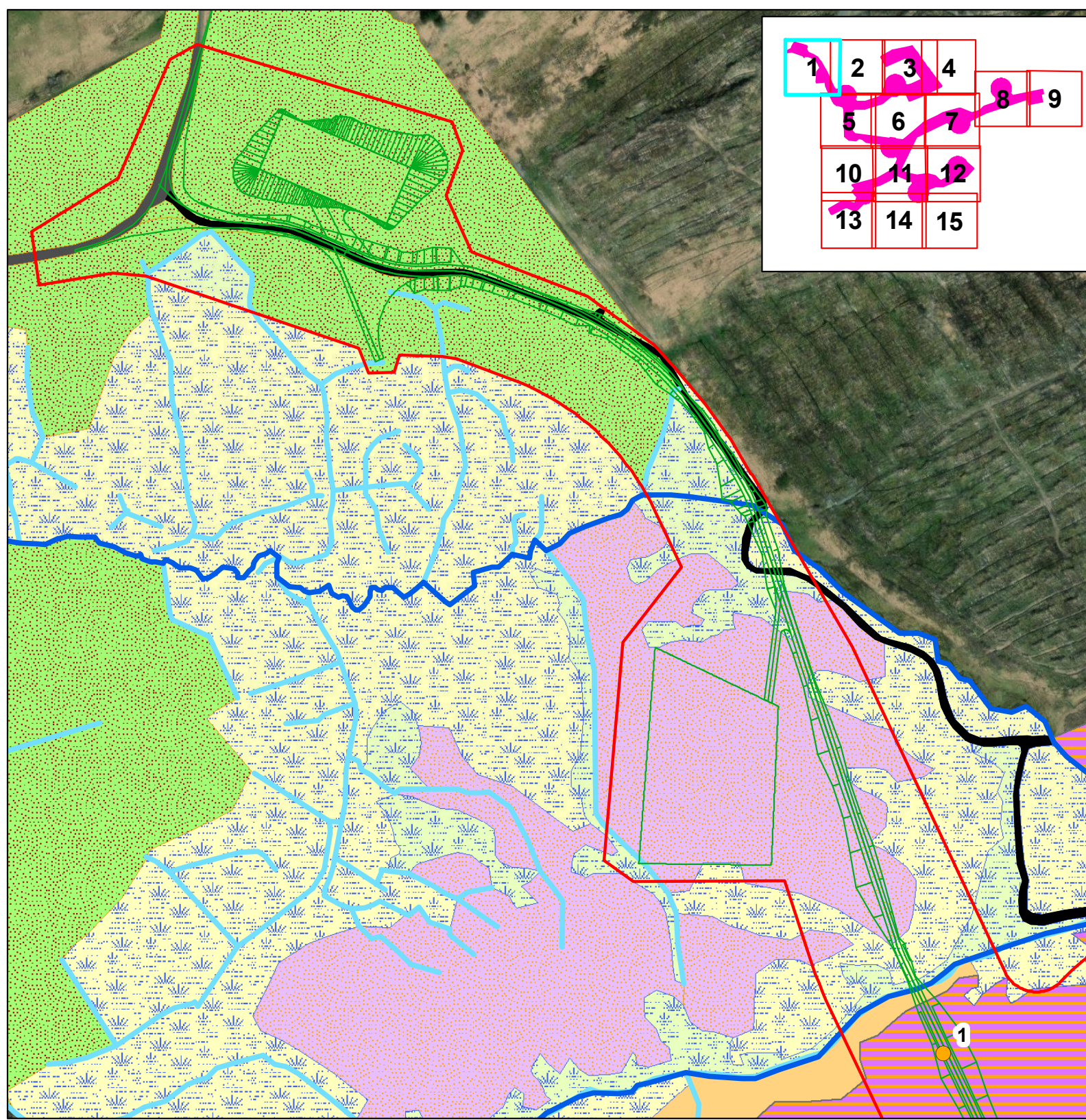
Proposed Access Track
Construction Details



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Date	01/08/2026	Revision	0	Job No.	6460
Scale	NTS	Stage	FRI	Figure	2.5
Drawing	POD	Checked	AOG	Approved	AOG



Gortloughra WF

FI Response: Habitats Item 1

Habitat Map: Sheet 1

- Gortloughra Wind Farm
- Blanket Bog Monitoring Stops
- Heath Habitat Monitoring Stops
- Wind Farm Layout
- Turbines
- Eroding Watercourse FW1
- Drainage Ditch FW4
- Access Track Defunct BL3
- Existing Access Track BL3
- Exposed Siliceous Rock ER1
- Improved Agricultural Grassland GA1
- Dry Acid Grassland GS3
- Wet GS4/Acid GS3 Grassland
- Dry Acid Grassland/Dense Bracken Mosaic
- Dry Grassland GS3/Siliceous Rock ER3
- Wet Grassland GS4
- Upland Blanket Bog PB2
- Molinia Blanket Bog PB2
- Dry Heath HH1/Siliceous Rock ER3
- Wet Heath HH3
- Molinia Wet Heath HH3
- Montane Heath HH4
- Wet Heath HH3/Siliceous Rock ER3
- Wet Heath HH3/Acid Grassland GS3
- Wet Heath/Siliceous Rock/Acid Grassland
- Spoil Bare Ground ED2
- Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



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Data Source	Maxar

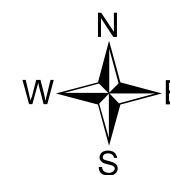
Gortloughra WF

FI Response: Habitats Item 1

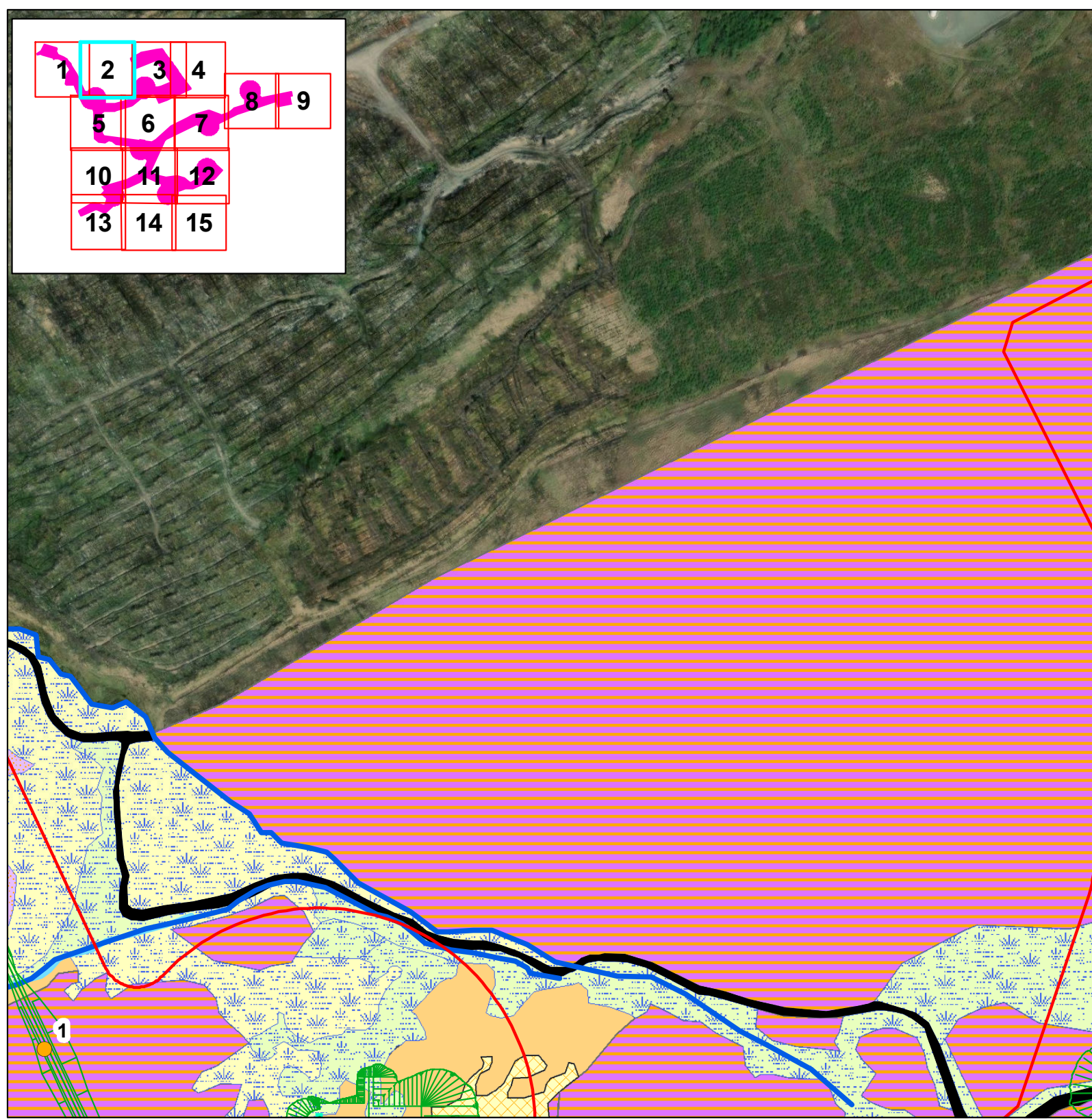
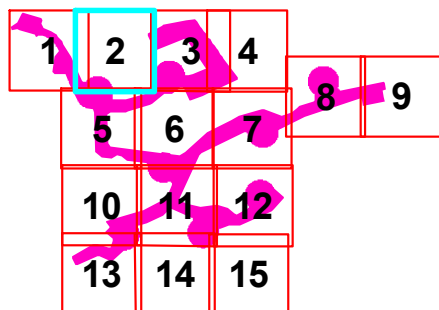
Habitat Map: Sheet 2

- Gortloughra Wind Farm
- Blanket Bog Monitoring Stops
- Heath Habitat Monitoring Stops
- Wind Farm Layout
- Turbines
- Eroding Watercourse FW1
- Drainage Ditch FW4
- Access Track Defunct BL3
- Existing Access Track BL3
- Exposed Siliceous Rock ER1
- Improved Agricultural Grassland GA1
- Dry Acid Grassland GS3
- Wet GS4/Acid GS3 Grassland
- Dry Acid Grassland/Dense Bracken Mosaic
- Dry Grassland GS3/Siliceous Rock ER3
- Wet Grassland GS4
- Upland Blanket Bog PB2
- Molinia Blanket Bog PB2
- Dry Heath HH1/Siliceous Rock ER3
- Wet Heath HH3
- Molinia Wet Heath HH3
- Montane Heath HH4
- Wet Heath HH3/Siliceous Rock ER3
- Wet Heath HH3/Acid Grassland GS3
- Wet Heath/Siliceous Rock/Acid Grassland
- Spoil Bare Ground ED2
- Buildings Artificial Surfaces BL3

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Data Source	Maxar



Gortloughra WF

FI Response: Habitats Item 1

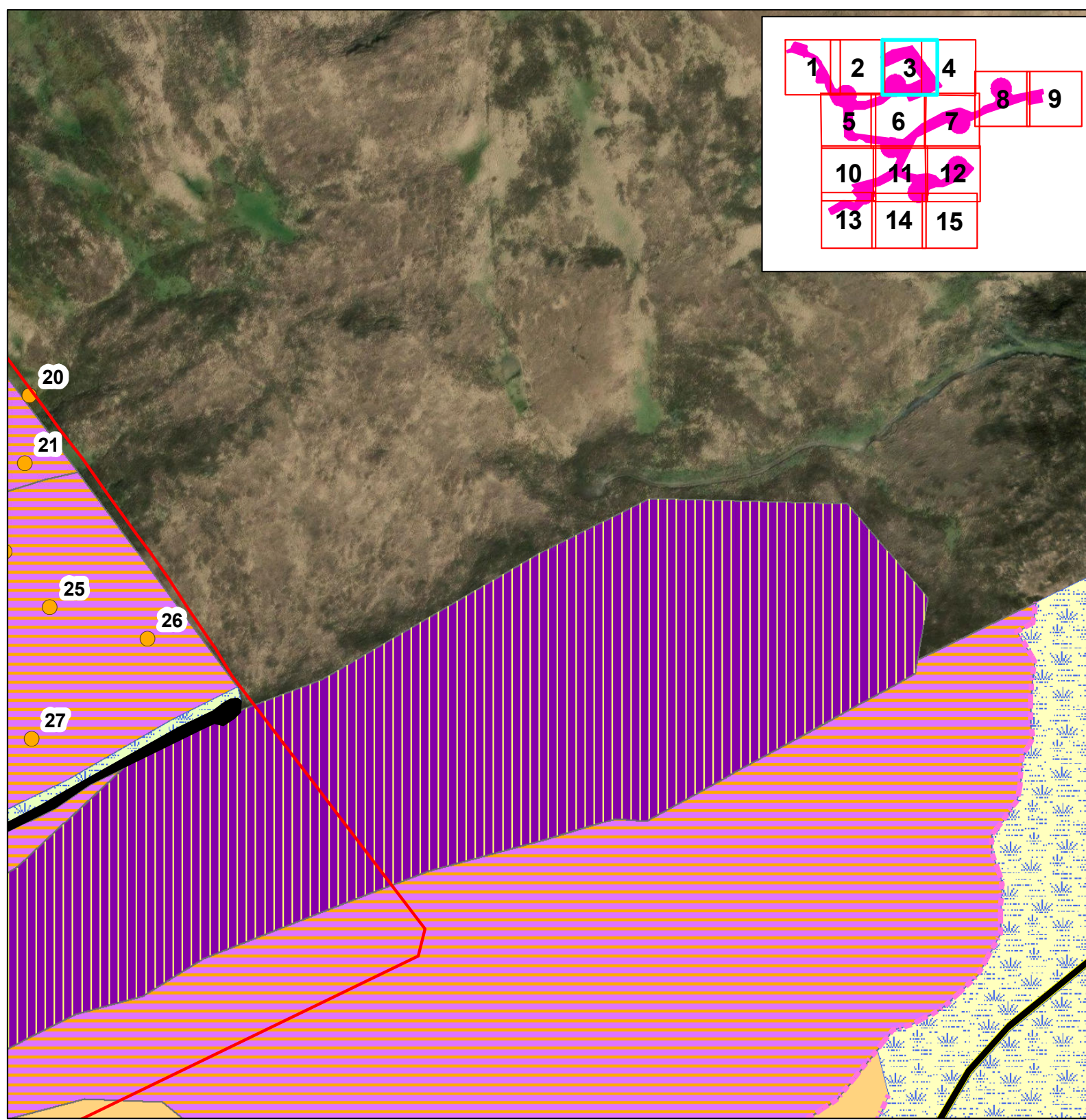
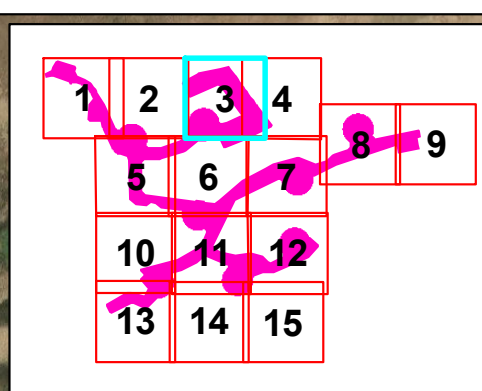
Habitat Map: Sheet 3

-  Gortloughra Wind Farm
-  Blanket Bog Monitoring Stops
-  Heath Habitat Monitoring Stops
-  Wind Farm Layout
-  Turbines
-  Eroding Watercourse FW1
-  Drainage Ditch FW4
-  Access Track Defunct BL3
-  Existing Access Track BL3
-  Exposed Siliceous Rock ER1
-  Improved Agricultural Grassland GA1
-  Dry Acid Grassland GS3
-  Wet GS4/Acid GS3 Grassland
-  Dry Acid Grassland/Dense Bracken Mosaic
-  Dry Grassland GS3/Siliceous Rock ER3
-  Wet Grassland GS4
-  Upland Blanket Bog PB2
-  Molinia Blanket Bog PB2
-  Dry Heath HH1/Siliceous Rock ER3
-  Wet Heath HH3
-  Molinia Wet Heath HH3
-  Montane Heath HH4
-  Wet Heath HH3/Siliceous Rock ER3
-  Wet Heath HH3/Acid Grassland GS3
-  Wet Heath/Siliceous Rock/Acid Grassland
-  Spoil Bare Ground ED2
-  Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



Drawn By	PD
Date	21/04/2026
Data Source	Maxar



Gortloughra WF

FI Response: Habitats Item 1

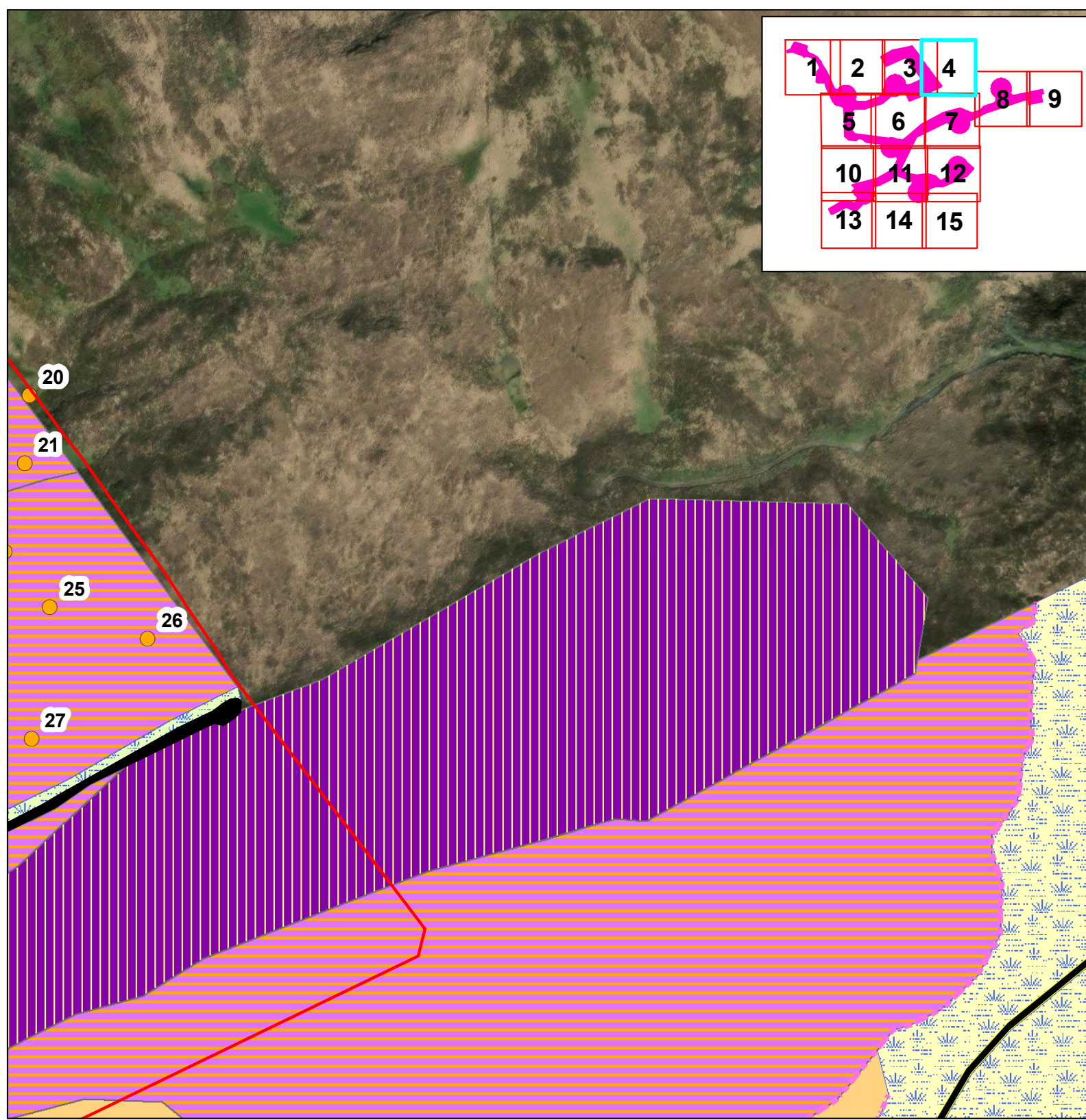
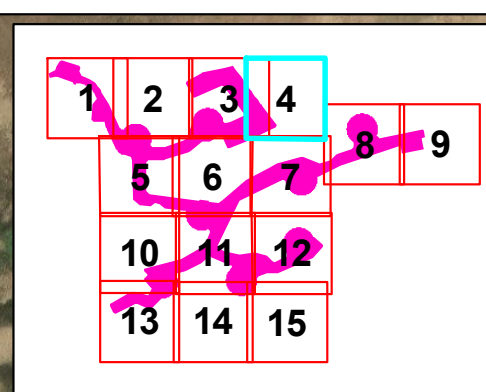
Habitat Map: Sheet 4

- Gortloughra Wind Farm
- Blanket Bog Monitoring Stops
- Heath Habitat Monitoring Stops
- Wind Farm Layout
- Turbines
- Eroding Watercourse FW1
- Drainage Ditch FW4
- Access Track Defunct BL3
- Existing Access Track BL3
- Exposed Siliceous Rock ER1
- Improved Agricultural Grassland GA1
- Dry Acid Grassland GS3
- Wet GS4/Acid GS3 Grassland
- Dry Acid Grassland/Dense Bracken Mosaic
- Dry Grassland GS3/Siliceous Rock ER3
- Wet Grassland GS4
- Upland Blanket Bog PB2
- Molinia Blanket Bog PB2
- Dry Heath HH1/Siliceous Rock ER3
- Wet Heath HH3
- Molinia Wet Heath HH3
- Montane Heath HH4
- Wet Heath HH3/Siliceous Rock ER3
- Wet Heath HH3/Acid Grassland GS3
- Wet Heath/Siliceous Rock/Acid Grassland
- Spoil Bare Ground ED2
- Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



Drawn By	PD
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Data Source	Maxar



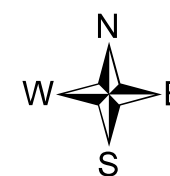
Gortloughra WF

FI Response: Habitats Item 1

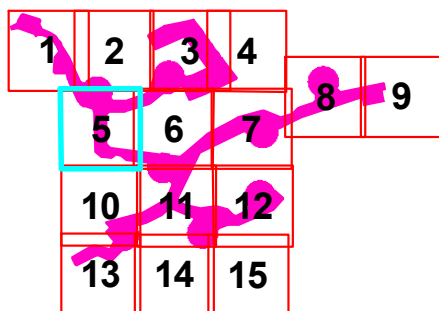
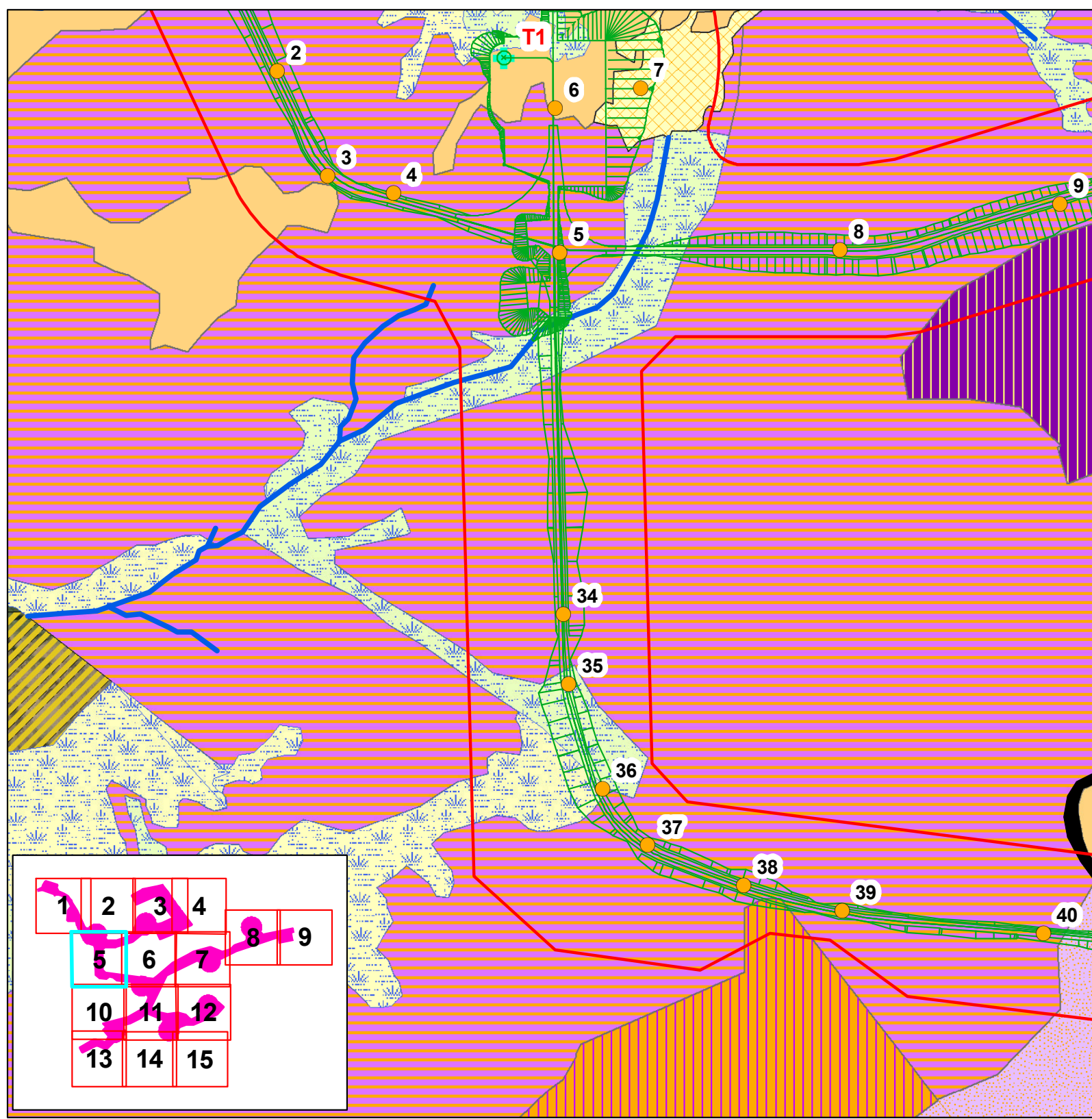
Habitat Map: Sheet 5

- Gortloughra Wind Farm
- Blanket Bog Monitoring Stops
- Heath Habitat Monitoring Stops
- Wind Farm Layout
- Turbines
- Eroding Watercourse FW1
- Drainage Ditch FW4
- Access Track Defunct BL3
- Existing Access Track BL3
- Exposed Siliceous Rock ER1
- Improved Agricultural Grassland GA1
- Dry Acid Grassland GS3
- Wet GS4/Acid GS3 Grassland
- Dry Acid Grassland/Dense Bracken Mosaic
- Dry Grassland GS3/Siliceous Rock ER3
- Wet Grassland GS4
- Upland Blanket Bog PB2
- Molinia Blanket Bog PB2
- Dry Heath HH1/Siliceous Rock ER3
- Wet Heath HH3
- Molinia Wet Heath HH3
- Montane Heath HH4
- Wet Heath HH3/Siliceous Rock ER3
- Wet Heath HH3/Acid Grassland GS3
- Wet Heath/Siliceous Rock/Acid Grassland
- Spoil Bare Ground ED2
- Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



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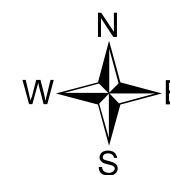
Gortloughra WF

FI Response: Habitats Item 1

Habitat Map: Sheet 6

- Gortloughra Wind Farm
- Blanket Bog Monitoring Stops
- Heath Habitat Monitoring Stops
- Wind Farm Layout
- Turbines
- Eroding Watercourse FW1
- Drainage Ditch FW4
- Access Track Defunct BL3
- Existing Access Track BL3
- Exposed Siliceous Rock ER1
- Improved Agricultural Grassland GA1
- Dry Acid Grassland GS3
- Wet GS4/Acid GS3 Grassland
- Dry Acid Grassland/Dense Bracken Mosaic
- Dry Grassland GS3/Siliceous Rock ER3
- Wet Grassland GS4
- Upland Blanket Bog PB2
- Molinia Blanket Bog PB2
- Dry Heath HH1/Siliceous Rock ER3
- Wet Heath HH3
- Molinia Wet Heath HH3
- Montane Heath HH4
- Wet Heath HH3/Siliceous Rock ER3
- Wet Heath HH3/Acid Grassland GS3
- Wet Heath/Siliceous Rock/Acid Grassland
- Spoil Bare Ground ED2
- Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



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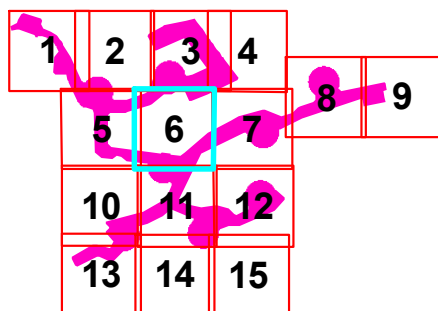
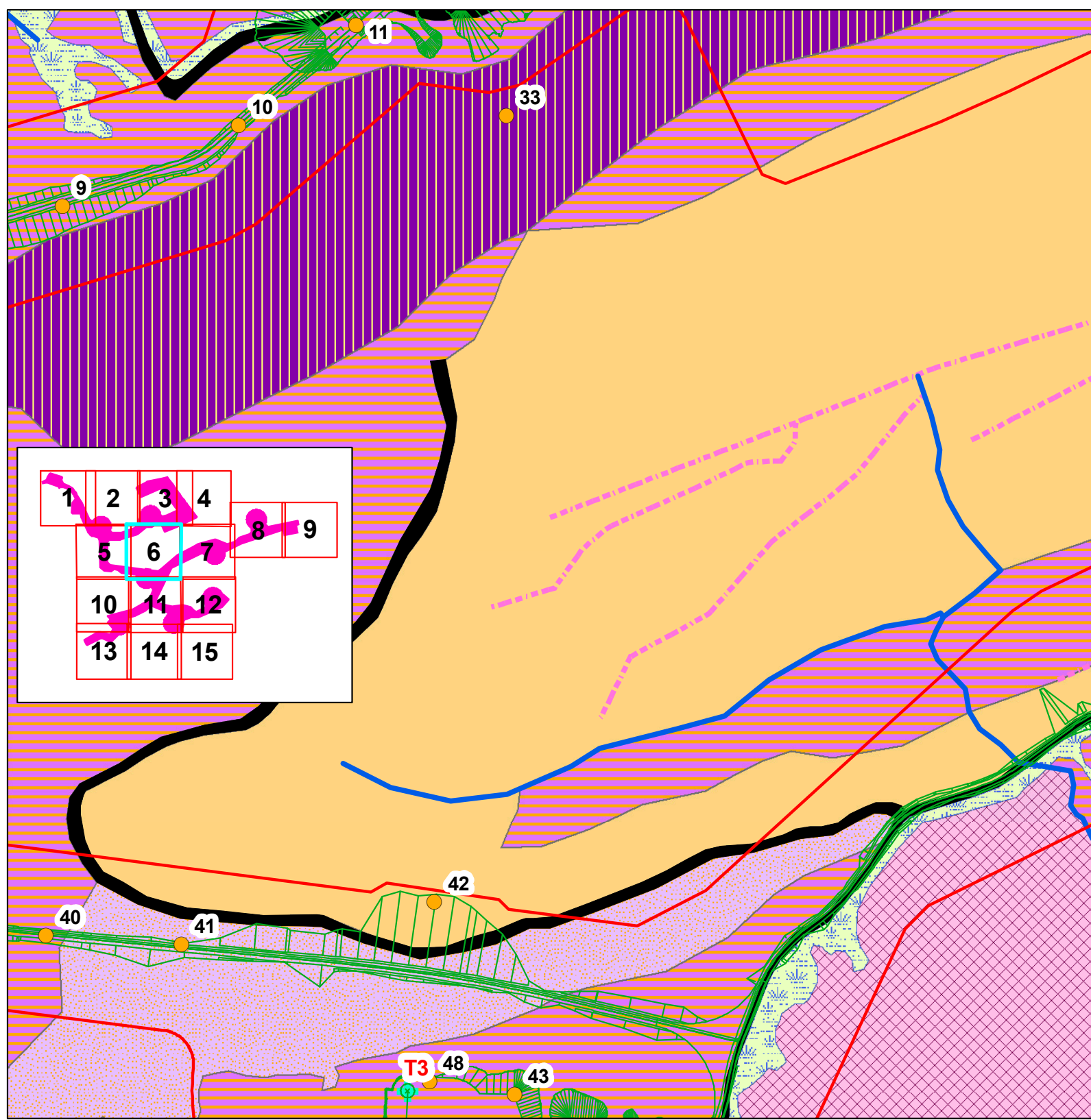
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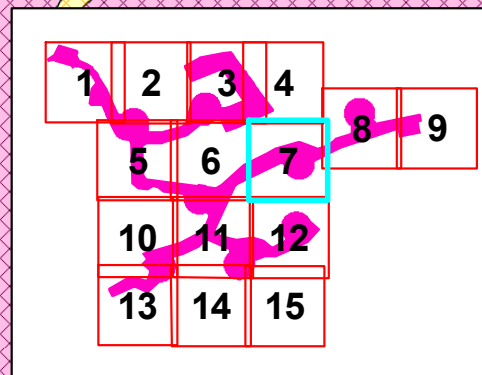
Gortloughra WF

FI Response: Habitats Item 1

Habitat Map: Sheet 7

-  Gortloughra Wind Farm
-  Blanket Bog Monitoring Stops
-  Heath Habitat Monitoring Stops
-  Wind Farm Layout
-  Turbines
-  Eroding Watercourse FW1
-  Drainage Ditch FW4
-  Access Track Defunct BL3
-  Existing Access Track BL3
-  Exposed Siliceous Rock ER1
-  Improved Agricultural Grassland GA1
-  Dry Acid Grassland GS3
-  Wet GS4/Acid GS3 Grassland
-  Dry Acid Grassland/Dense Bracken Mosaic
-  Dry Grassland GS3/Siliceous Rock ER3
-  Wet Grassland GS4
-  Upland Blanket Bog PB2
-  Molinia Blanket Bog PB2
-  Dry Heath HH1/Siliceous Rock ER3
-  Wet Heath HH3
-  Molinia Wet Heath HH3
-  Montane Heath HH4
-  Wet Heath HH3/Siliceous Rock ER3
-  Wet Heath HH3/Acid Grassland GS3
-  Wet Heath/Siliceous Rock/Acid Grassland
-  Spoil Bare Ground ED2
-  Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



Drawn By	PD
Date	21/04/2026
Data Source	Maxar

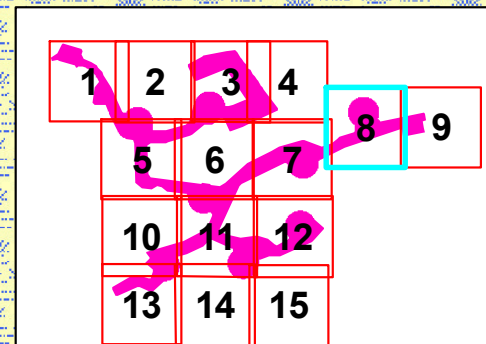
Gortloughra WF

FI Response: Habitats Item 1

Habitat Map: Sheet 8

-  Gortloughra Wind Farm
-  Blanket Bog Monitoring Stops
-  Heath Habitat Monitoring Stops
-  Wind Farm Layout
-  Turbines
-  Eroding Watercourse FW1
-  Drainage Ditch FW4
-  Access Track Defunct BL3
-  Existing Access Track BL3
-  Exposed Siliceous Rock ER1
-  Improved Agricultural Grassland GA1
-  Dry Acid Grassland GS3
-  Wet GS4/Acid GS3 Grassland
-  Dry Acid Grassland/Dense Bracken Mosaic
-  Dry Grassland GS3/Siliceous Rock ER3
-  Wet Grassland GS4
-  Upland Blanket Bog PB2
-  Molinia Blanket Bog PB2
-  Dry Heath HH1/Siliceous Rock ER3
-  Wet Heath HH3
-  Molinia Wet Heath HH3
-  Montane Heath HH4
-  Wet Heath HH3/Siliceous Rock ER3
-  Wet Heath HH3/Acid Grassland GS3
-  Wet Heath/Siliceous Rock/Acid Grassland
-  Spoil Bare Ground ED2
-  Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



Drawn By	PD
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Data Source	Maxar

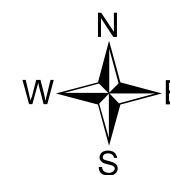
Gortloughra WF

FI Response: Habitats Item 1

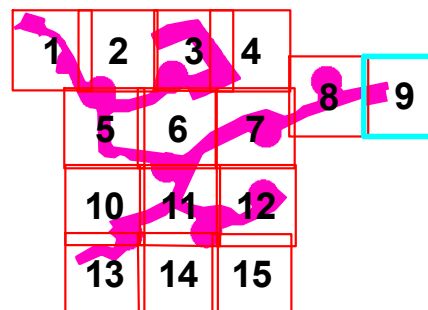
Habitat Map: Sheet 9

-  Gortloughra Wind Farm
-  Wind Farm Layout
-  Blanket Bog Monitoring Stops
-  Heath Habitat Monitoring Stops
-  Turbines
-  Eroding Watercourse FW1
-  Drainage Ditch FW4
-  Access Track Defunct BL3
-  Existing Access Track BL3
-  Exposed Siliceous Rock ER1
-  Improved Agricultural Grassland GA1
-  Dry Acid Grassland GS3
-  Wet GS4/Acid GS3 Grassland
-  Dry Acid Grassland/Dense Bracken Mosaic
-  Dry Grassland GS3/Siliceous Rock ER3
-  Wet Grassland GS4
-  Upland Blanket Bog PB2
-  Molinia Blanket Bog PB2
-  Dry Heath HH1/Siliceous Rock ER3
-  Wet Heath HH3
-  Molinia Wet Heath HH3
-  Montane Heath HH4
-  Wet Heath HH3/Siliceous Rock ER3
-  Wet Heath HH3/Acid Grassland GS3
-  Wet Heath/Siliceous Rock/Acid Grassland
-  Spoil Bare Ground ED2
-  Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



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Data Source	Maxar



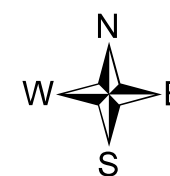
Gortloughra WF

FI Response: Habitats Item 1

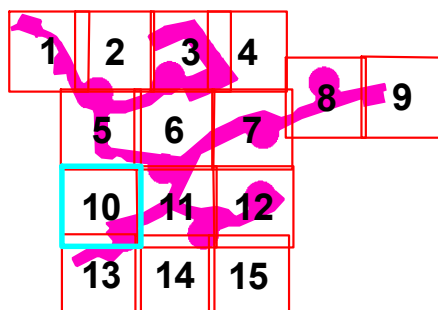
Habitat Map: Sheet 10

- Gortloughra Wind Farm
- Blanket Bog Monitoring Stops
- Heath Habitat Monitoring Stops
- Wind Farm Layout
- Turbines
- Eroding Watercourse FW1
- Drainage Ditch FW4
- Access Track Defunct BL3
- Existing Access Track BL3
- Exposed Siliceous Rock ER1
- Improved Agricultural Grassland GA1
- Dry Acid Grassland GS3
- Wet GS4/Acid GS3 Grassland
- Dry Acid Grassland/Dense Bracken Mosaic
- Dry Grassland GS3/Siliceous Rock ER3
- Wet Grassland GS4
- Upland Blanket Bog PB2
- Molinia Blanket Bog PB2
- Dry Heath HH1/Siliceous Rock ER3
- Wet Heath HH3
- Molinia Wet Heath HH3
- Montane Heath HH4
- Wet Heath HH3/Siliceous Rock ER3
- Wet Heath HH3/Acid Grassland GS3
- Wet Heath/Siliceous Rock/Acid Grassland
- Spoil Bare Ground ED2
- Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



Drawn By	PD
Date	21/04/2026
Data Source	Maxar



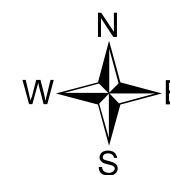
Gortloughra WF

FI Response: Habitats Item 1

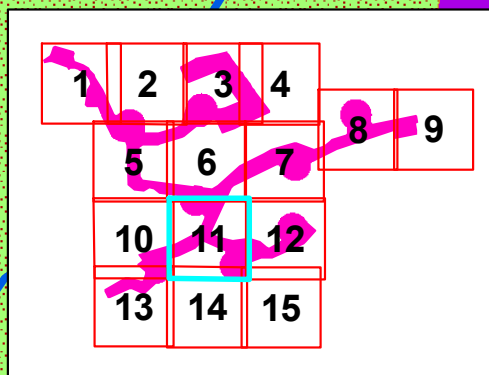
Habitat Map: Sheet 11

- Gortloughra Wind Farm
- Blanket Bog Monitoring Stops
- Heath Habitat Monitoring Stops
- Wind Farm Layout
- + Turbines
- Eroding Watercourse FW1
- Drainage Ditch FW4
- Access Track Defunct BL3
- Existing Access Track BL3
- Exposed Siliceous Rock ER1
- Improved Agricultural Grassland GA1
- Dry Acid Grassland GS3
- Wet GS4/Acid GS3 Grassland
- Dry Acid Grassland/Dense Bracken Mosaic
- Dry Grassland GS3/Siliceous Rock ER3
- Wet Grassland GS4
- Upland Blanket Bog PB2
- Molinia Blanket Bog PB2
- Dry Heath HH1/Siliceous Rock ER3
- Wet Heath HH3
- Molinia Wet Heath HH3
- Montane Heath HH4
- Wet Heath HH3/Siliceous Rock ER3
- Wet Heath HH3/Acid Grassland GS3
- Wet Heath/Siliceous Rock/Acid Grassland
- Spoil Bare Ground ED2
- Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



Drawn By	PD
Date	21/04/2026
Data Source	Maxar



Gortloughra WF

FI Response: Habitats Item 1

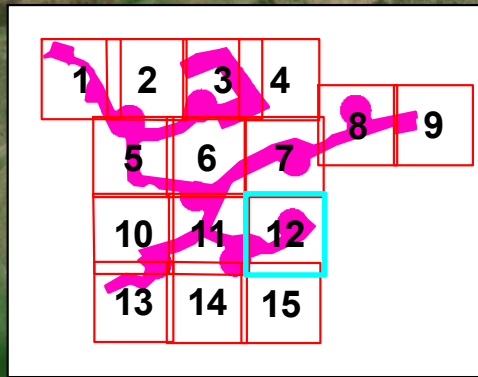
Habitat Map: Sheet 12

-  Gortloughra Wind Farm
-  Blanket Bog Monitoring Stops
-  Heath Habitat Monitoring Stops
-  Wind Farm Layout
-  Turbines
-  Eroding Watercourse FW1
-  Drainage Ditch FW4
-  Access Track Defunct BL3
-  Existing Access Track BL3
-  Exposed Siliceous Rock ER1
-  Improved Agricultural Grassland GA1
-  Dry Acid Grassland GS3
-  Wet GS4/Acid GS3 Grassland
-  Dry Acid Grassland/Dense Bracken Mosaic
-  Dry Grassland GS3/Siliceous Rock ER3
-  Wet Grassland GS4
-  Upland Blanket Bog PB2
-  Molinia Blanket Bog PB2
-  Dry Heath HH1/Siliceous Rock ER3
-  Wet Heath HH3
-  Molinia Wet Heath HH3
-  Montane Heath HH4
-  Wet Heath HH3/Siliceous Rock ER3
-  Wet Heath HH3/Acid Grassland GS3
-  Wet Heath/Siliceous Rock/Acid Grassland
-  Spoil Bare Ground ED2
-  Buildings Artificial Surfaces BL3

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Data Source	Maxar



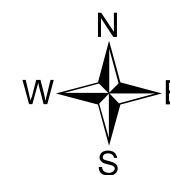
Gortloughra WF

FI Response: Habitats Item 1

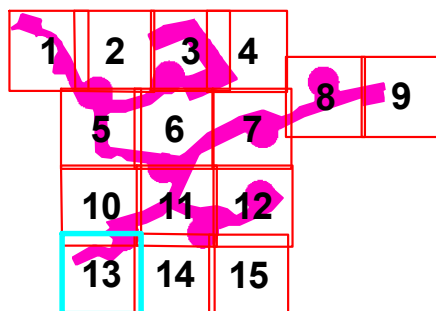
Habitat Map: Sheet 13

- Gortloughra Wind Farm
- Blanket Bog Monitoring Stops
- Heath Habitat Monitoring Stops
- Wind Farm Layout
- Turbines
- Eroding Watercourse FW1
- Drainage Ditch FW4
- Access Track Defunct BL3
- Existing Access Track BL3
- Exposed Siliceous Rock ER1
- Improved Agricultural Grassland GA1
- Dry Acid Grassland GS3
- Wet GS4/Acid GS3 Grassland
- Dry Acid Grassland/Dense Bracken Mosaic
- Dry Grassland GS3/Siliceous Rock ER3
- Wet Grassland GS4
- Upland Blanket Bog PB2
- Molinia Blanket Bog PB2
- Dry Heath HH1/Siliceous Rock ER3
- Wet Heath HH3
- Molinia Wet Heath HH3
- Montane Heath HH4
- Wet Heath HH3/Siliceous Rock ER3
- Wet Heath HH3/Acid Grassland GS3
- Wet Heath/Siliceous Rock/Acid Grassland
- Spoil Bare Ground ED2
- Buildings Artificial Surfaces BL3

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Drawn By	PD
Date	21/04/2026
Data Source	Maxar



Gortloughra WF

FI Response: Habitats Item 1

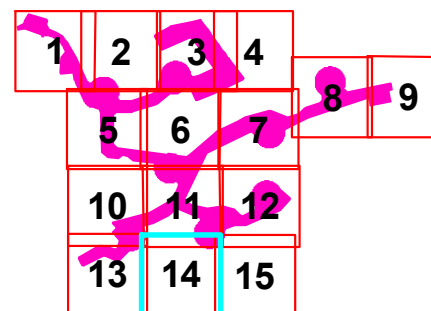
Habitat Map: Sheet 14

-  Gortloughra Wind Farm
-  Blanket Bog Monitoring Stops
-  Heath Habitat Monitoring Stops
-  Wind Farm Layout
-  Turbines
-  Eroding Watercourse FW1
-  Drainage Ditch FW4
-  Access Track Defunct BL3
-  Existing Access Track BL3
-  Exposed Siliceous Rock ER1
-  Improved Agricultural Grassland GA1
-  Dry Acid Grassland GS3
-  Wet GS4/Acid GS3 Grassland
-  Dry Acid Grassland/Dense Bracken Mosaic
-  Dry Grassland GS3/Siliceous Rock ER3
-  Wet Grassland GS4
-  Upland Blanket Bog PB2
-  Molinia Blanket Bog PB2
-  Dry Heath HH1/Siliceous Rock ER3
-  Wet Heath HH3
-  Molinia Wet Heath HH3
-  Montane Heath HH4
-  Wet Heath HH3/Siliceous Rock ER3
-  Wet Heath HH3/Acid Grassland GS3
-  Wet Heath/Siliceous Rock/Acid Grassland
-  Spoil Bare Ground ED2
-  Buildings Artificial Surfaces BL3

0 0.025 0.05 0.1 Km



Drawn By	PD
Date	21/04/2026
Data Source	Maxar



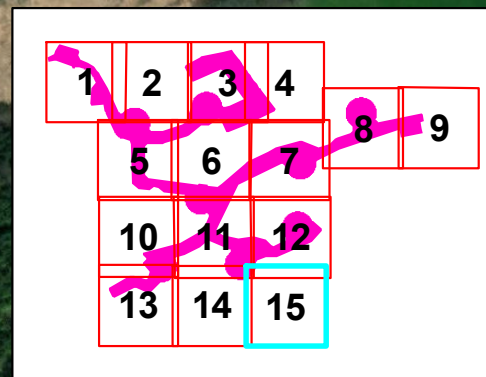
Gortloughra WF

FI Response: Habitats Item 1

Habitat Map: Sheet 15

-  Gortloughra Wind Farm
-  Blanket Bog Monitoring Stops
-  Heath Habitat Monitoring Stops
-  Wind Farm Layout
-  Turbines
-  Eroding Watercourse FW1
-  Drainage Ditch FW4
-  Access Track Defunct BL3
-  Existing Access Track BL3
-  Exposed Siliceous Rock ER1
-  Improved Agricultural Grassland GA1
-  Dry Acid Grassland GS3
-  Wet GS4/Acid GS3 Grassland
-  Dry Acid Grassland/Dense Bracken Mosaic
-  Dry Grassland GS3/Siliceous Rock ER3
-  Wet Grassland GS4
-  Upland Blanket Bog PB2
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-  Dry Heath HH1/Siliceous Rock ER3
-  Wet Heath HH3
-  Molinia Wet Heath HH3
-  Montane Heath HH4
-  Wet Heath HH3/Siliceous Rock ER3
-  Wet Heath HH3/Acid Grassland GS3
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-  Spoil Bare Ground ED2
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0 0.025 0.05 0.1 Km



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