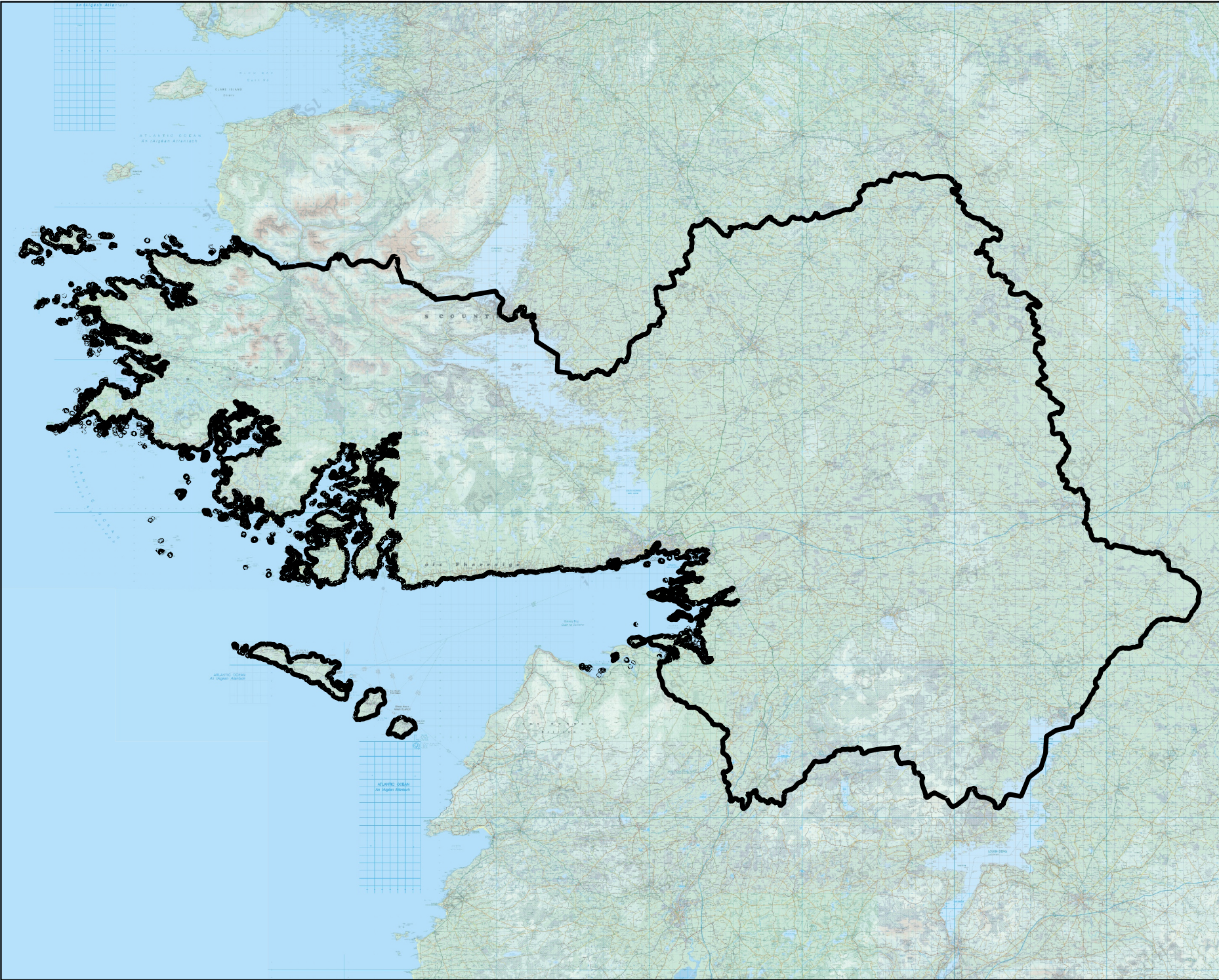




APPENDIX 1

WIND ENERGY CAPACITY ANALYSIS MAPS



Map Legend

 Galway County and Galway City

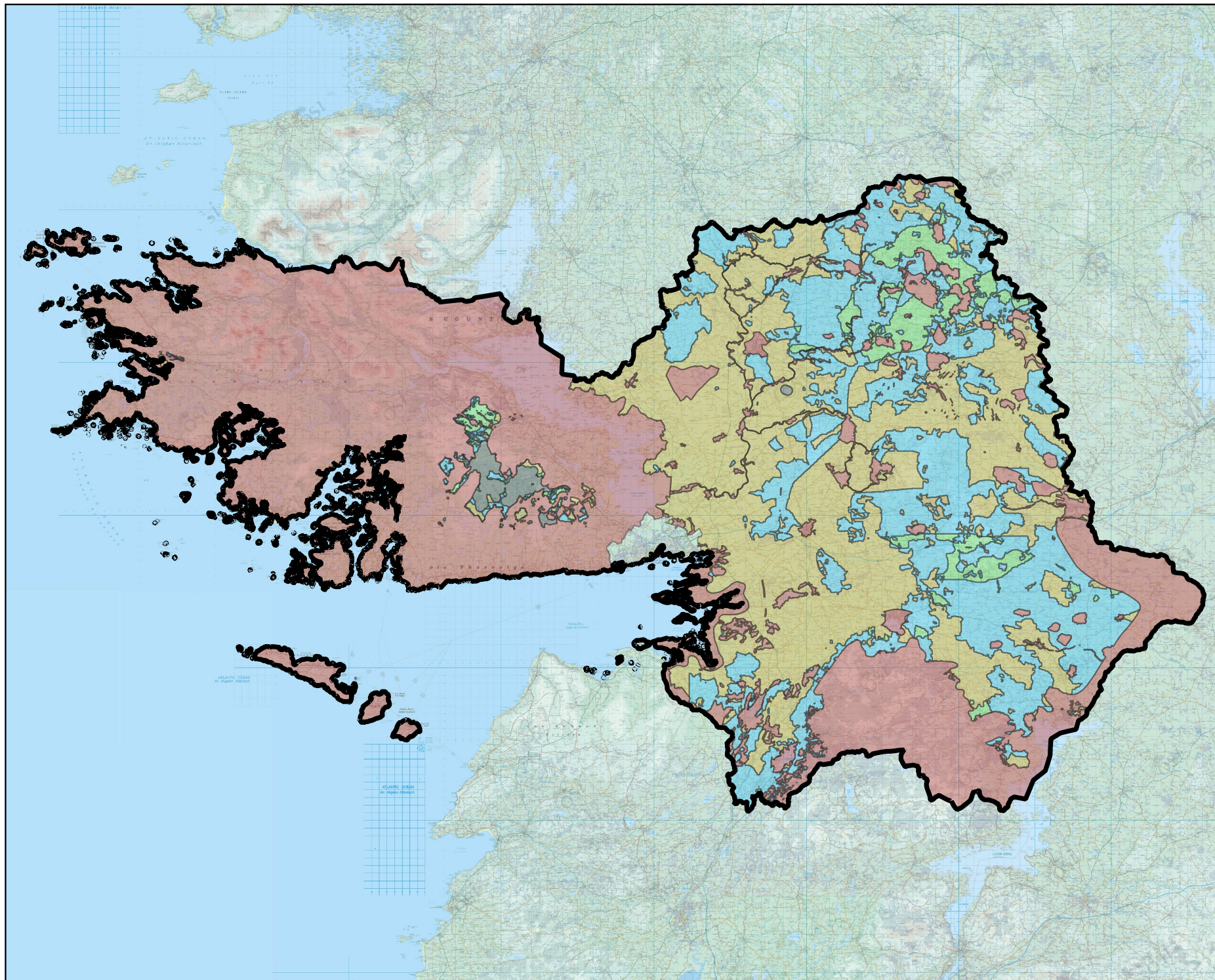


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Drawing Title	
Galway County Boundary	
Project Title	
Cooloo Wind Farm, Co. Galway	
Drawn By	Checked By
KB	BT
Project No.	Drawing No.
190723	Figure 8
Scale	Date
1:650,000	2025-09-24



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Map Legend

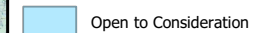


Galway County and
Galway City

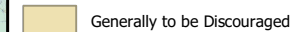
County Galway Wind Energy Strategy
2022-2028



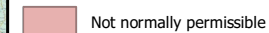
Acceptable in Principle



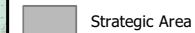
Open to Consideration



Generally to be Discouraged



Not normally permissible



Strategic Area



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Drawing Title

County Galway LARES Wind
Energy Zoning Map

Project Title

Cooloo Wind Farm, Co. Galway

Drawn By

KB

Checked By

BT

Project No.

190723

Drawing No.

Figure 9

Scale

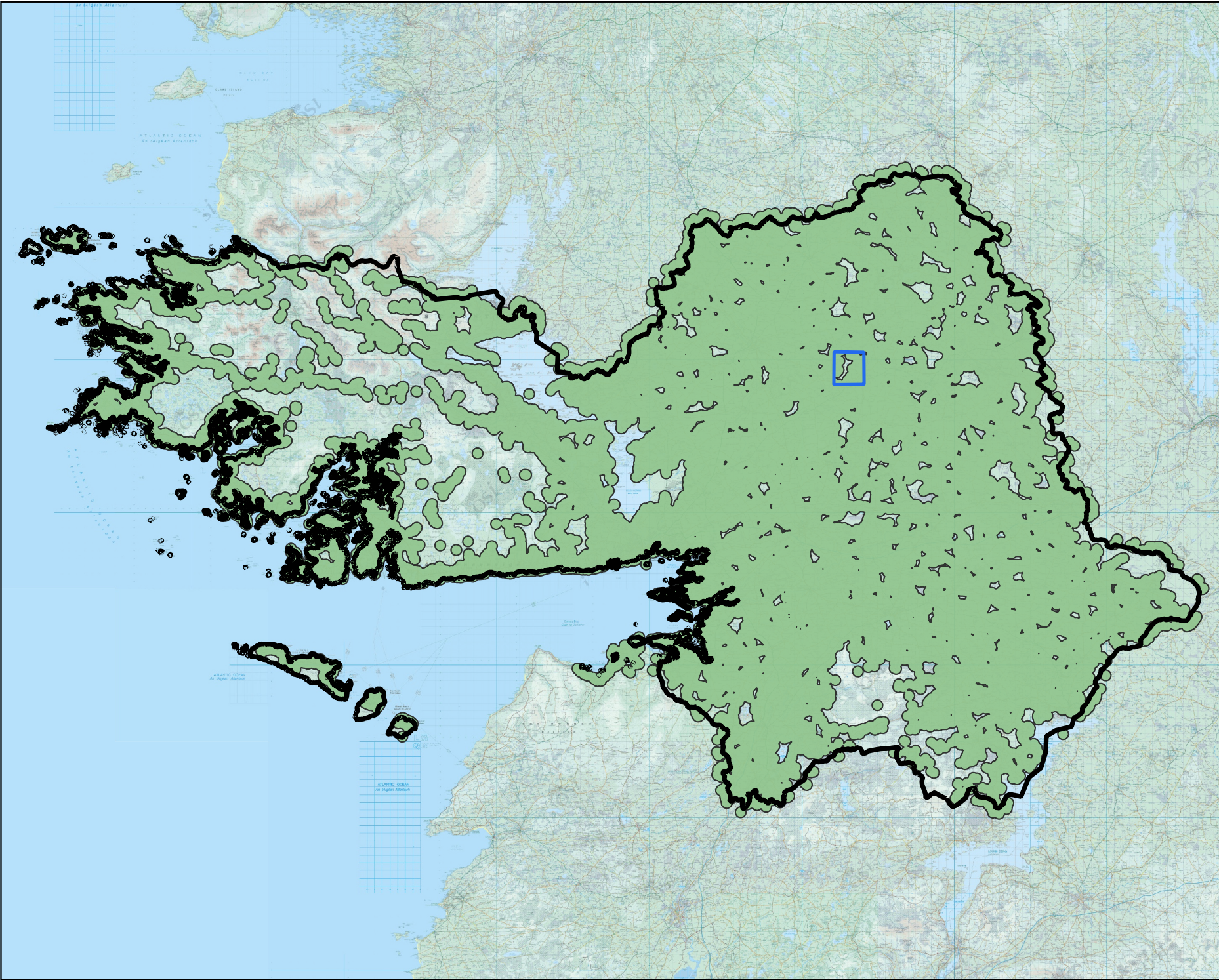
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Date

2025-09-24



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Map Legend

-  Galway County and Galway City
-  Proposed Wind Farm Site Location
-  700m Housing Buffer



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Drawing Title
County Galway 700m Housing Buffer

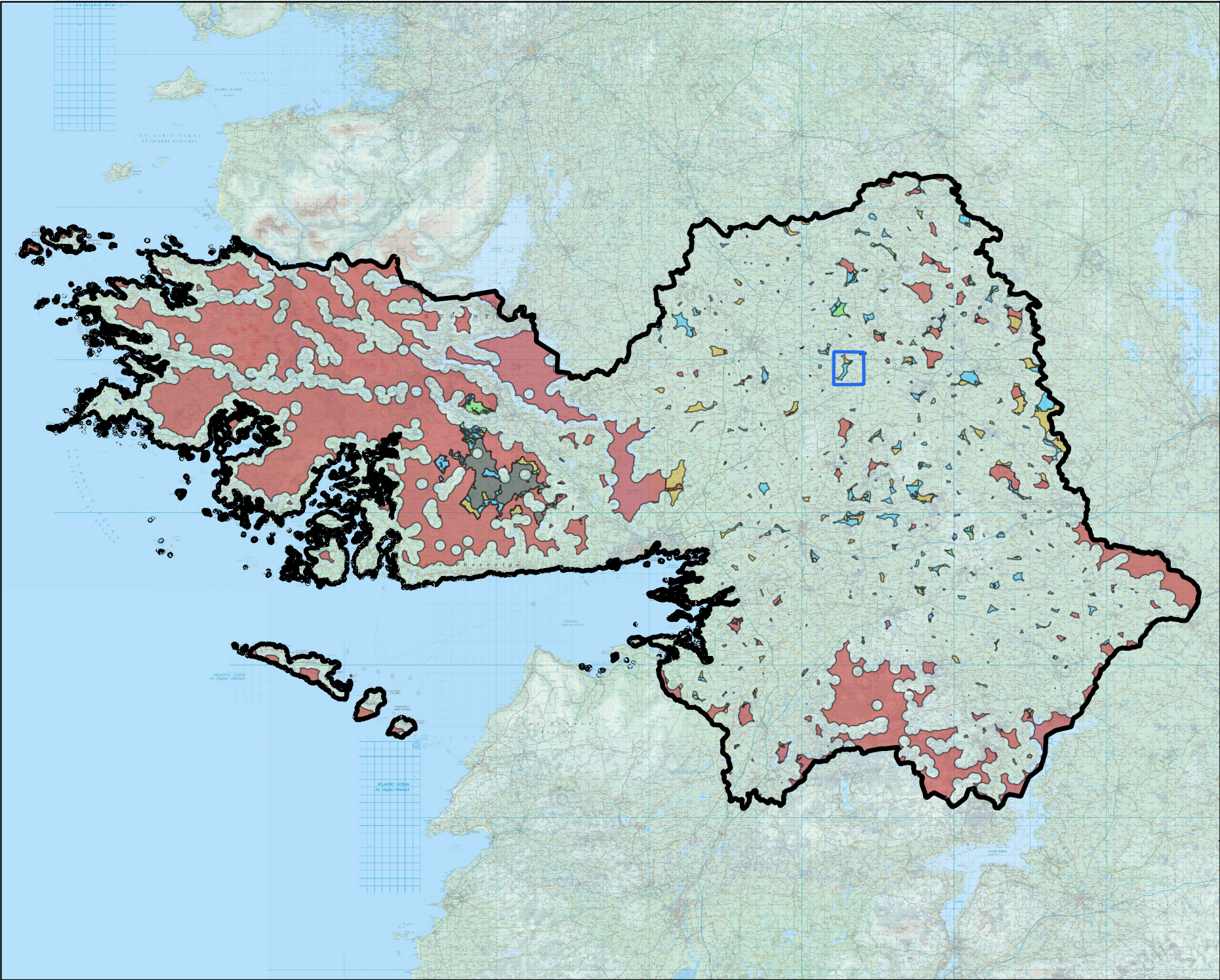
Project Title
Cooloolo Wind Farm, Co. Galway

Drawn By	Checked By
KB	BT
Project No.	Drawing No.
190723	Figure 10
Scale	Date
1:650,000	2025-09-24



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Map Legend

-  Galway County and Galway City
-  Proposed Wind Farm Site Location

County Galway Wind Energy Strategy
2022-2028

-  Acceptable in Principle
-  Open to Consideration
-  Generally to be Discouraged
-  Not normally permissible
-  Strategic Area

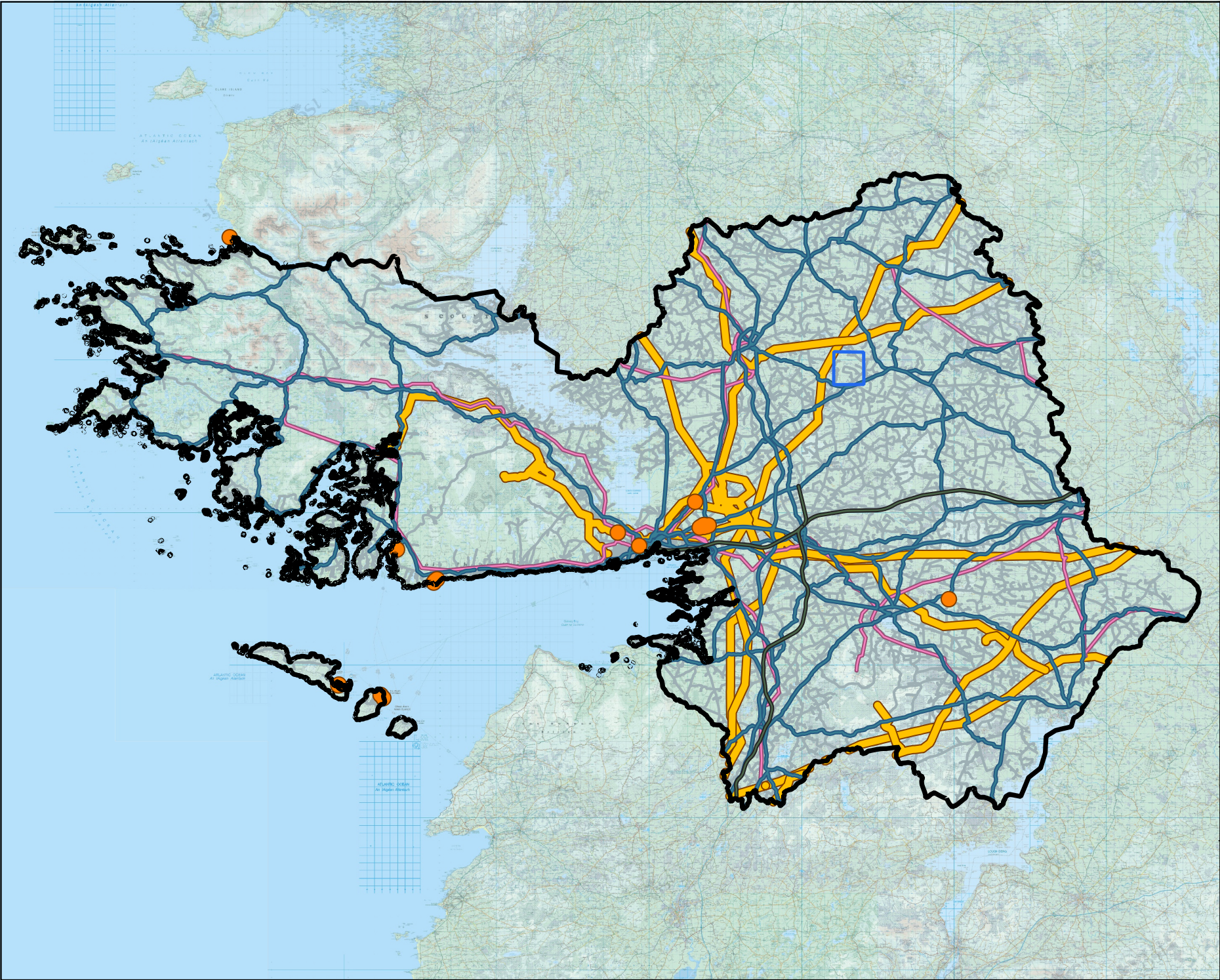
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Drawing Title
**Remaining Viable Area on
Application of Housing Buffer**

Project Title
Coolloo Wind Farm, Co. Galway

Drawn By KB	Checked By BT
Project No. 190723	Drawing No. Figure 11
Scale 1:650,000	Date 2025-09-24

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Map Legend

- Galway County and Galway City
- Proposed Wind Farm Site Location
- 38kV OHL 192.5m Buffer
- 110kV, 220kV, 440kV OHL 525m Buffer
- Local Road 82.5m Buffer
- Motorway, National Primary, National Secondary, Regional Road 192.5m Buffer
- Airfield Runway 1km Buffer
- Railways 192.5m Buffer

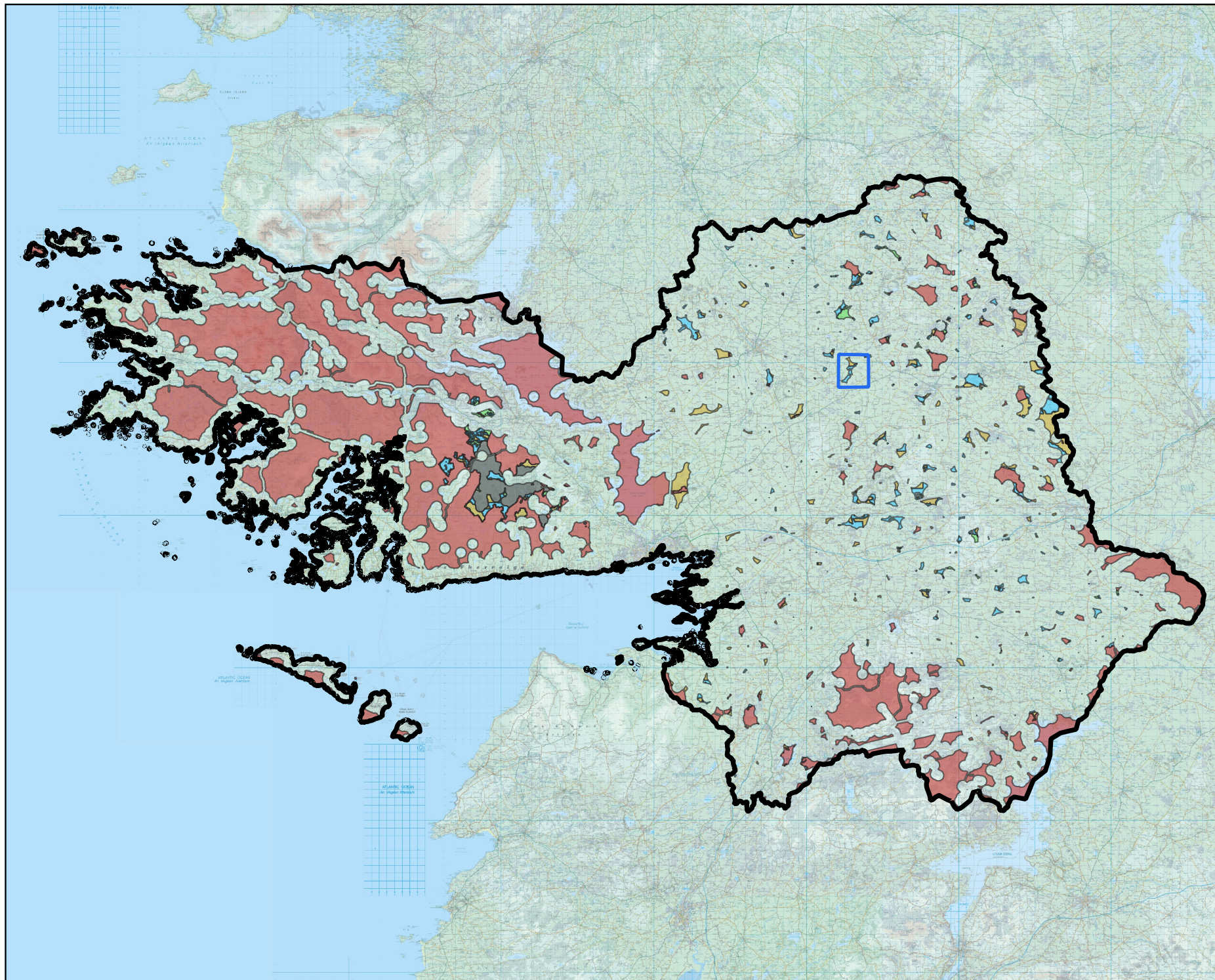
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Drawing Title
Transport and Grid Constraints Buffers

Project Title
Cooloo Wind Farm, Co. Galway

Drawn By	Checked By
KB	BT
Project No.	Drawing No.
190723	Figure 12
Scale	Date
1:650,000	2025-09-24

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Map Legend

-  Galway County and Galway City
-  Proposed Wind Farm Site Location

County Galway Wind Energy Strategy
2022-2028

-  Acceptable in Principle
-  Open to Consideration
-  Generally to be Discouraged
-  Not normally permissible
-  Strategic Area

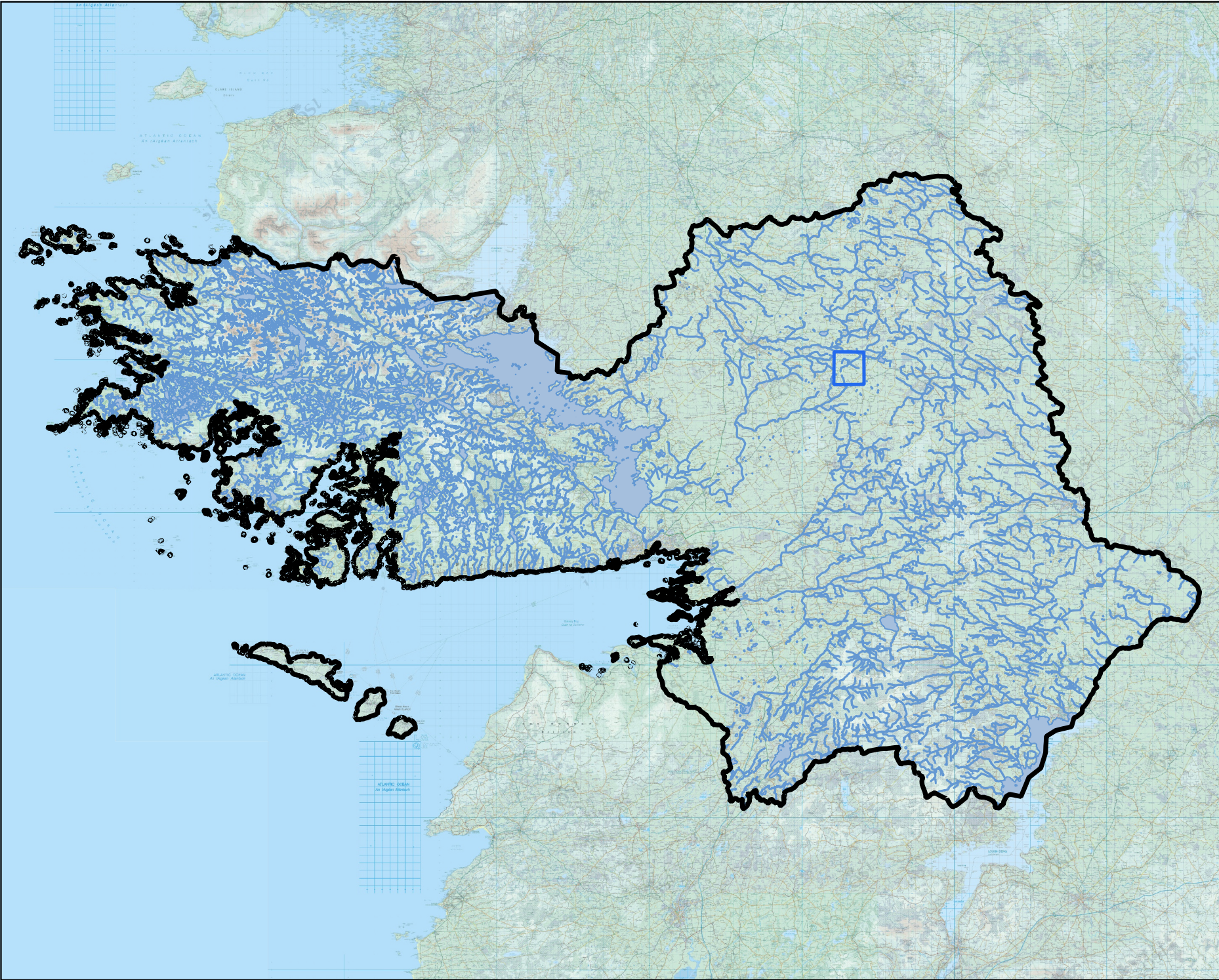


Drawing Title
Remaining Viable Area on Application
of Transport and Grid Buffer

Project Title
Coolool Wind Farm, Co. Galway

Drawn By	Checked By
KB	BT
Project No.	Drawing No.
190723	Figure 13
Scale	Date
1:650,000	2025-09-24

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Map Legend

-  Galway County and Galway City
-  Proposed Wind Farm Site Location
-  50m Hydrological Buffer



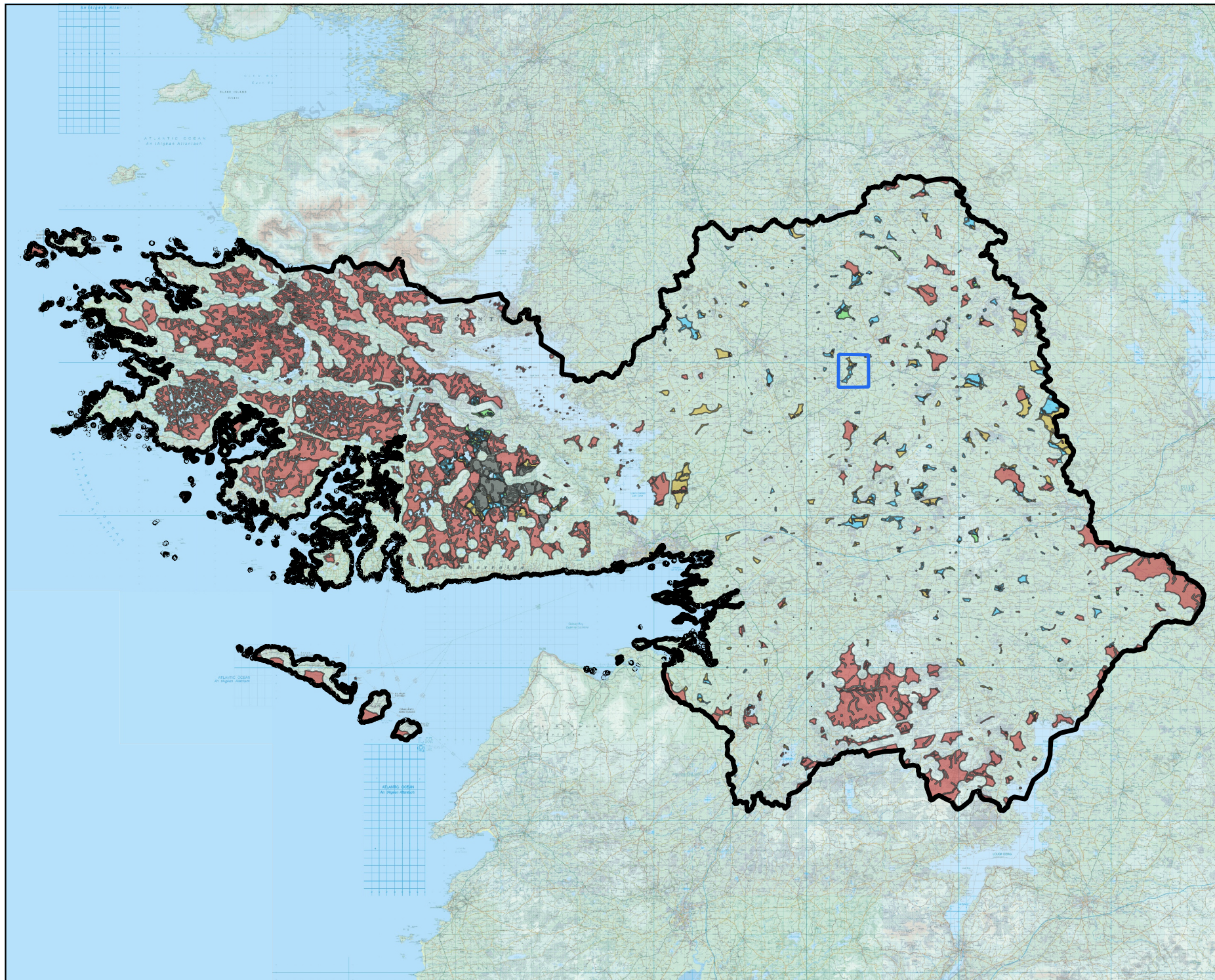
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Drawing Title	
Hydrological Buffers	
Project Title	
Cooloo Wind Farm, Co. Galway	
Drawn By	Checked By
KB	BT
Project No.	Drawing No.
190723	Figure 14
Scale	Date
1:650,000	2025-09-24



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Map Legend

-  Galway County and Galway City
-  Proposed Wind Farm Site Location

County Galway Wind Energy Strategy
2022-2028

-  Acceptable in Principle
-  Open to Consideration
-  Generally to be Discouraged
-  Not normally permissible
-  Strategic Area

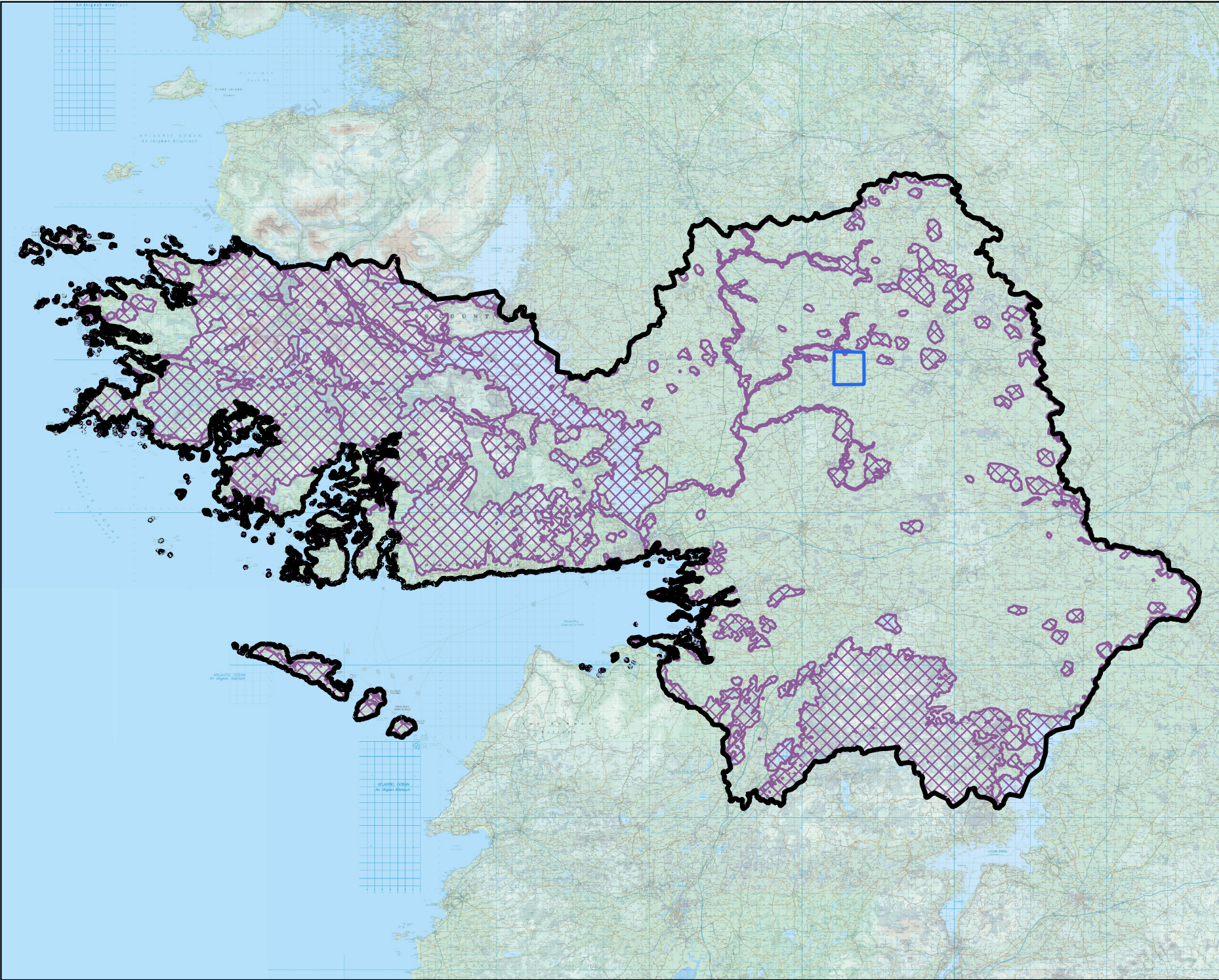


Drawing Title
Remaining Viable Area on Application
of Hydrological Buffer

Project Title
Cooloo Wind Farm, Co. Galway

Drawn By KB	Checked By BT
Project No. 190723	Drawing No. Figure 15
Scale 1:650,000	Date 2025-09-24

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Map Legend

-  Galway County and Galway City
-  Proposed Wind Farm Site Location
-  Designated Sites (SPAs, SACs, NHAs, pNHAs) 100m Buffer



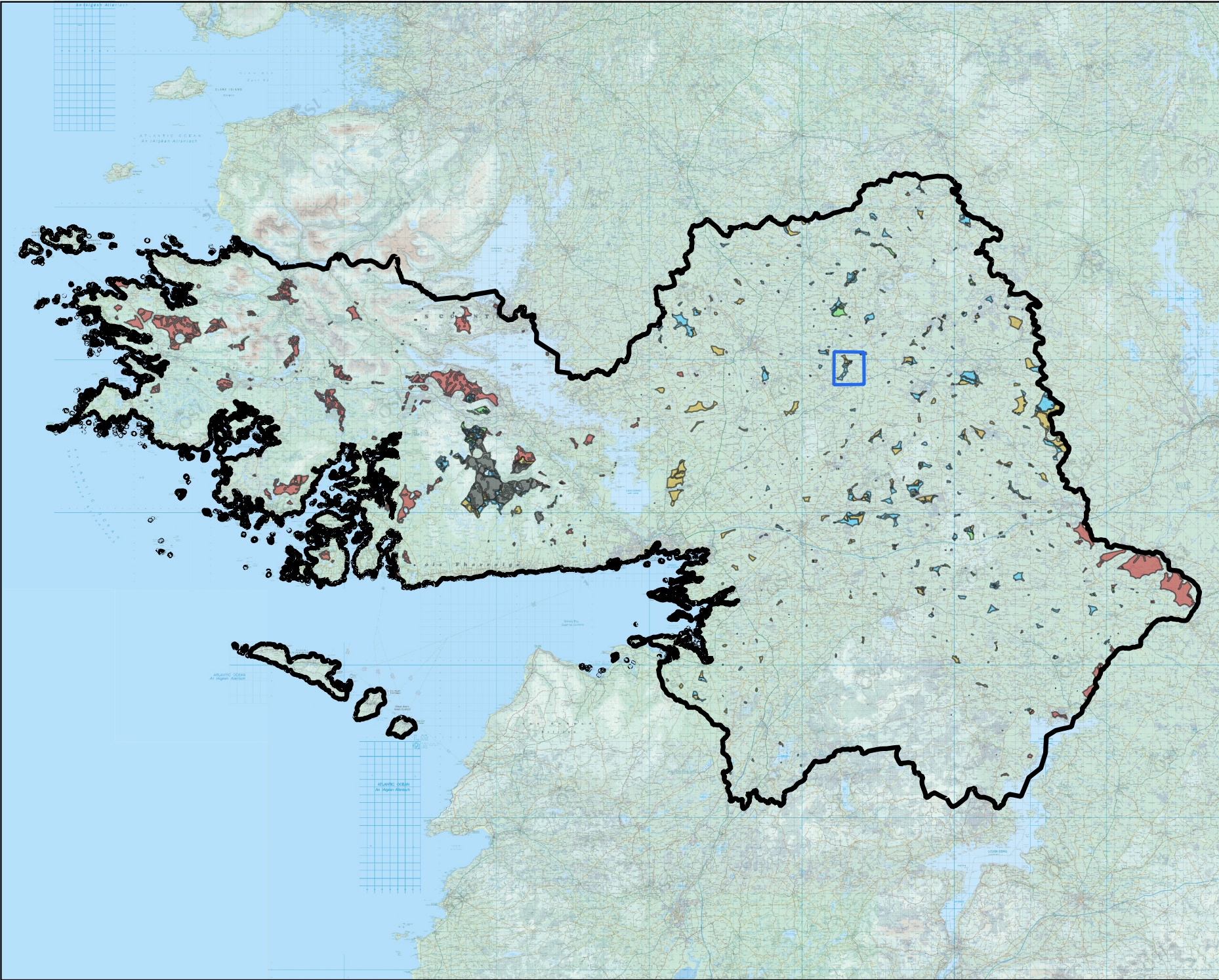
Drawing Title
Designated Sites Buffers

Project Title
Coolool Wind Farm, Co. Galway

Drawn By KB	Checked By BT
Project No. 190723	Drawing No. Figure 16
Scale 1:650,000	Date 2025-09-24



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Map Legend

- Galway County and Galway City
- Proposed Wind Farm Site Location

County Galway Wind Energy Strategy
2022-2028

- Acceptable in Principle
- Open to Consideration
- Generally to be Discouraged
- Not Normally Permissible
- Strategic Area

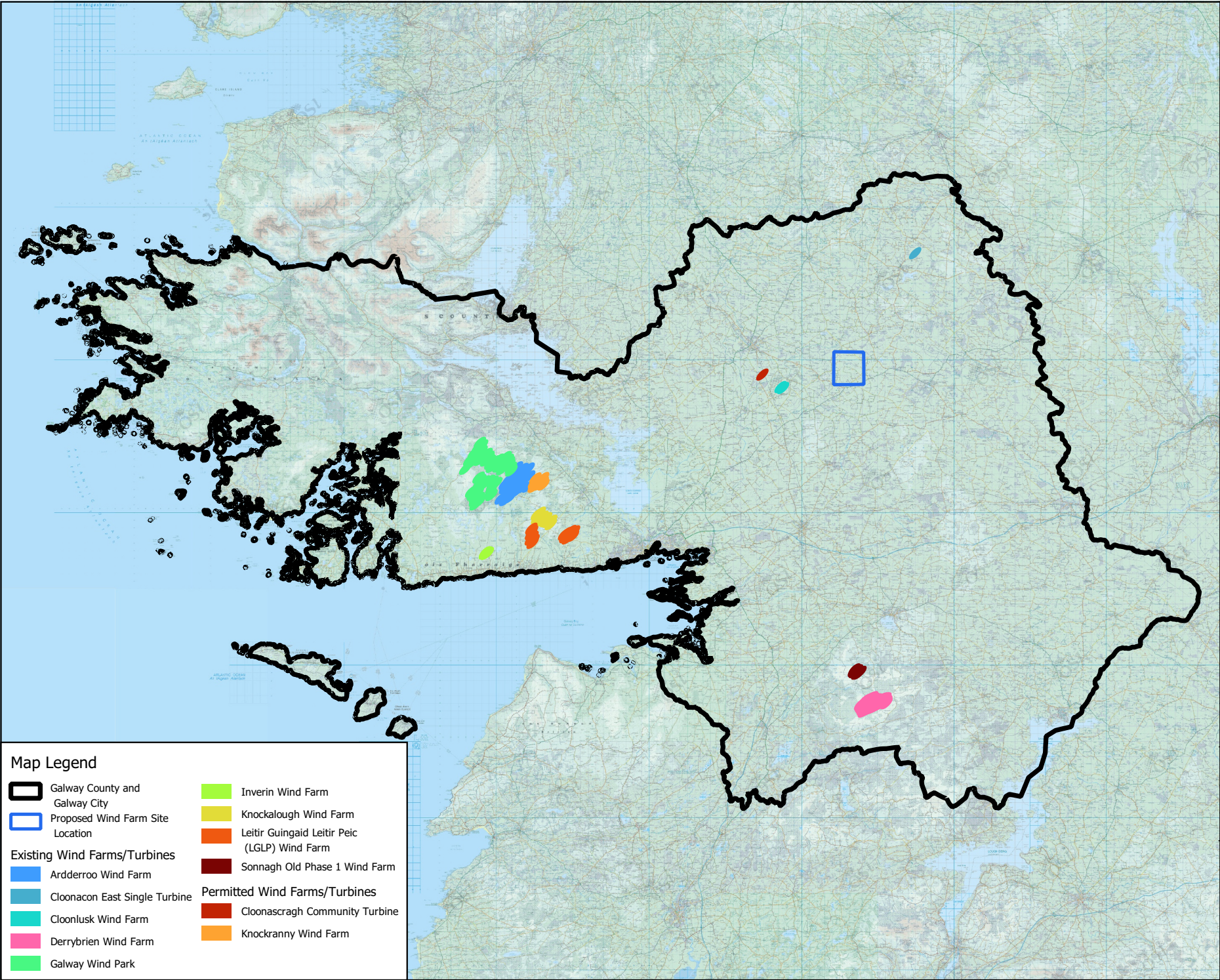
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Drawing Title
**Remaining Viable Area on Application
of Designated Sites Buffer**

Project Title
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KB	BT
Project No.	Drawing No.
190723	Figure 17
Scale	Date
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Map Legend

Galway County and Galway City

Proposed Wind Farm Site Location

Existing Wind Farms/Turbines

Ardderroo Wind Farm

Cloonacon East Single Turbine

Cloonlusk Wind Farm

Derrybrien Wind Farm

Galway Wind Park

Permitted Wind Farms/Turbines

Inverin Wind Farm

Knockalough Wind Farm

Leitir Guingaid Leitir Peic (LGLP) Wind Farm

Sonnagh Old Phase 1 Wind Farm

Cloonascragh Community Turbine

Knockranny Wind Farm

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Drawing Title

Existing Wind Farms/Turbine
Buffers

Project Title

Cooloo Wind Farm, Co. Galway

Drawn By

KB

Checked By

BT

Project No.

190723

Drawing No.

Figure 18

Scale

1:650,000

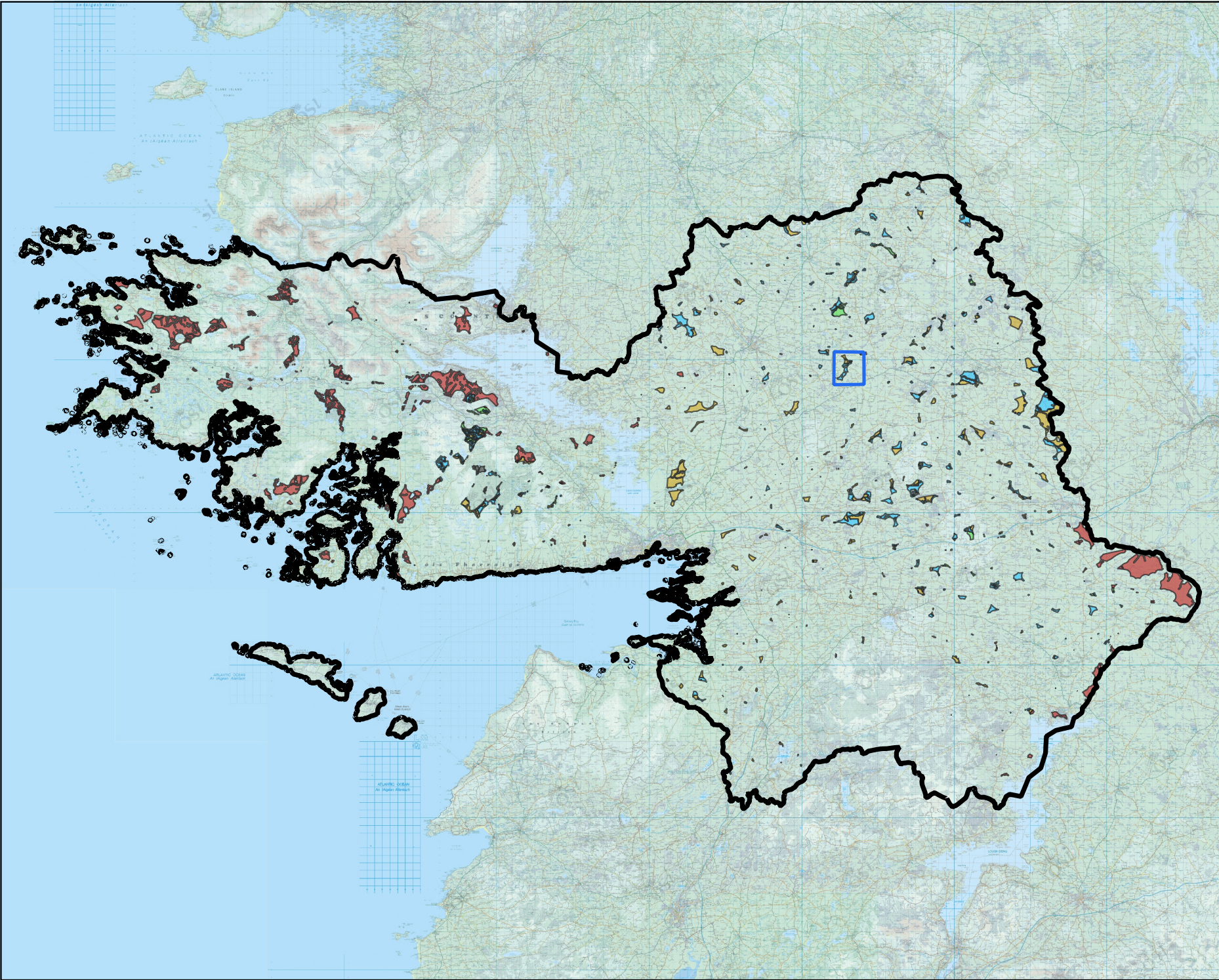
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Map Legend

-  Galway County and Galway City
-  Proposed Wind Farm Site Location

County Galway Wind Energy Strategy 2022-2028

-  Acceptable in Principle
-  Open to Consideration
-  Generally to be Discouraged
-  Not Normally Permissible
-  Strategic Area

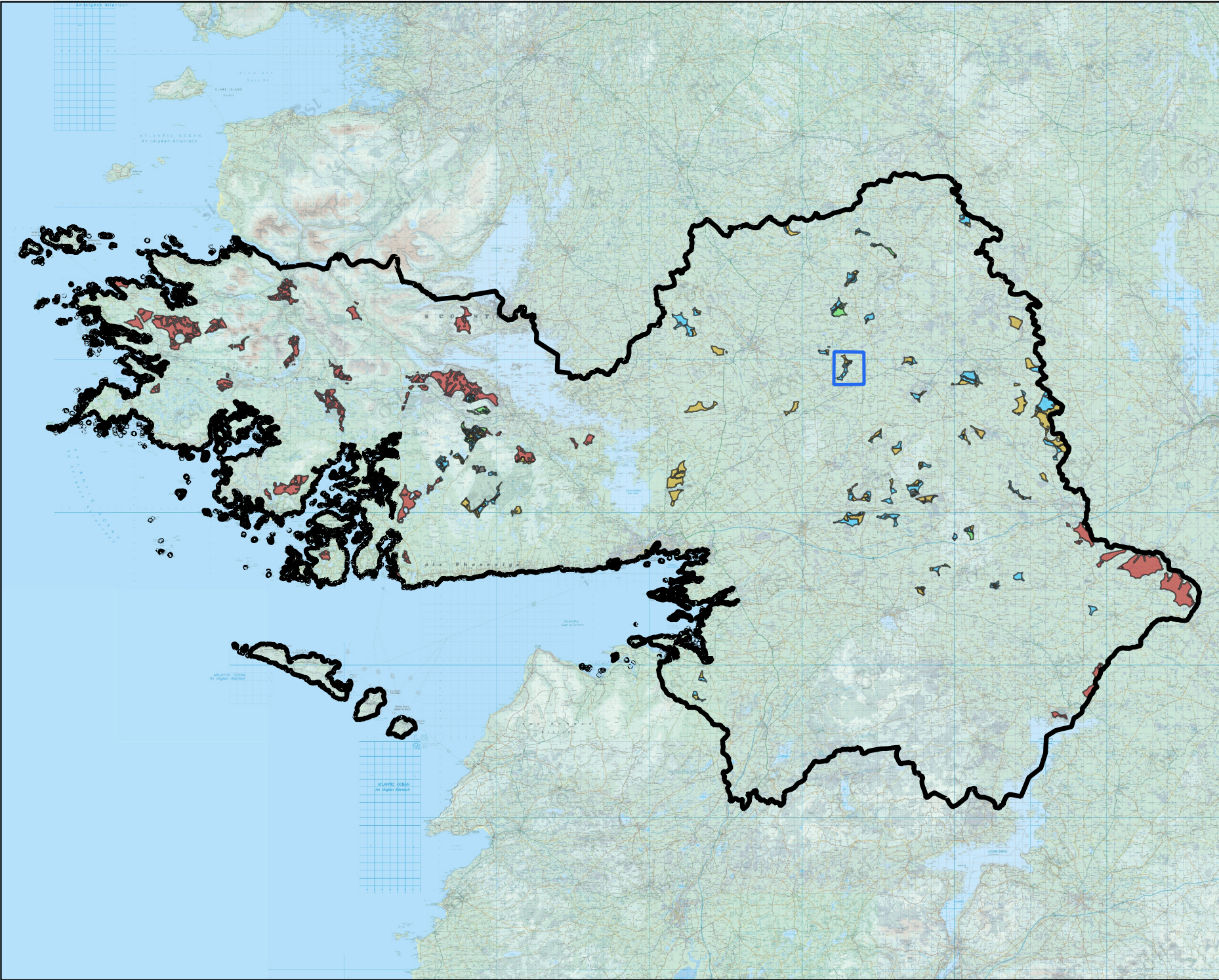
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Drawing Title
**Remaining Viable Area on Application
of Other Turbines Buffer**

Project Title
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Project No.	Drawing No.
190723	Figure 19
Scale	Date
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Map Legend

Galway County and Galway City

Proposed Wind Farm Site Location

County Galway Wind Energy Strategy 2022-2028

Acceptable in Principle

Open to Consideration

Generally to be Discouraged

Not Normally Permissible

Strategic Area

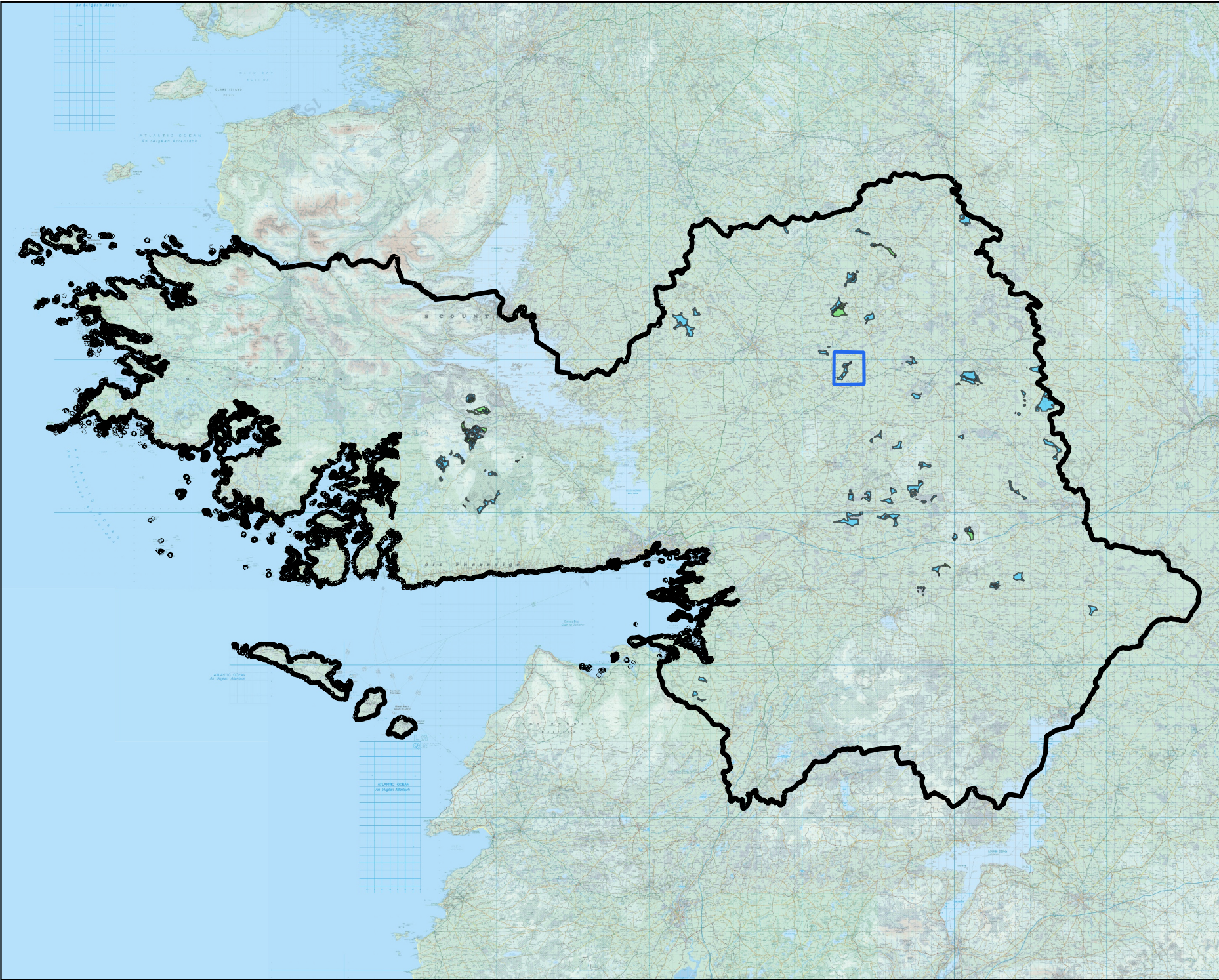


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Drawing Title	
Remaining Viable Area >0.5km2	
Project Title	
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Drawn By	Checked By
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Project No.	Drawing No.
190723	Figure 20
Scale	Date
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Map Legend



Galway County and Galway City



Proposed Wind Farm Site Location

County Galway Wind Energy Strategy 2022-2028



Acceptable in Principle



Open to Consideration



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Remaining AIP and OTC Viable Area	
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Project No.	Drawing No.
190723	Figure 23
Scale	Date
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