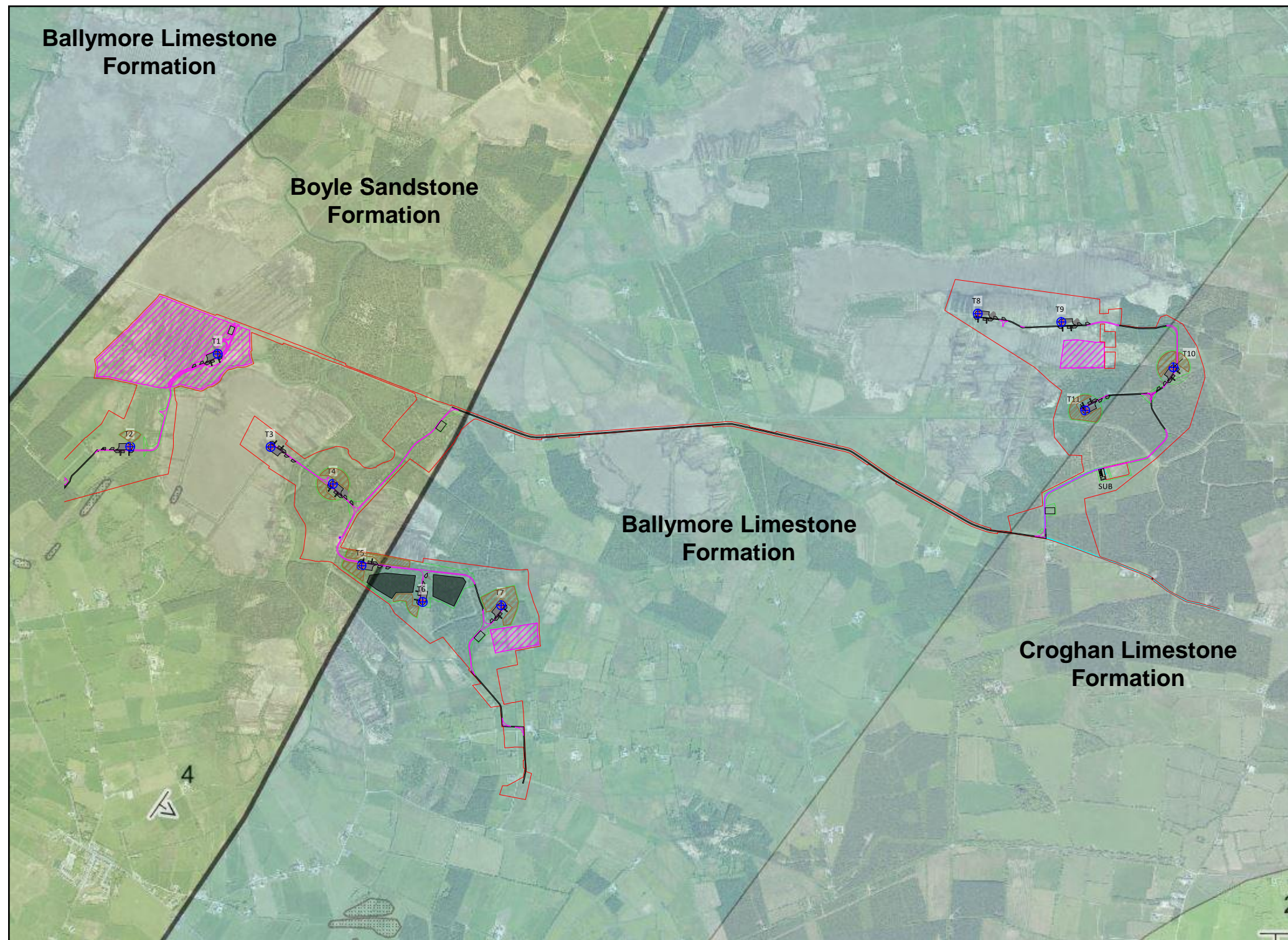


GSI – Solid Geology

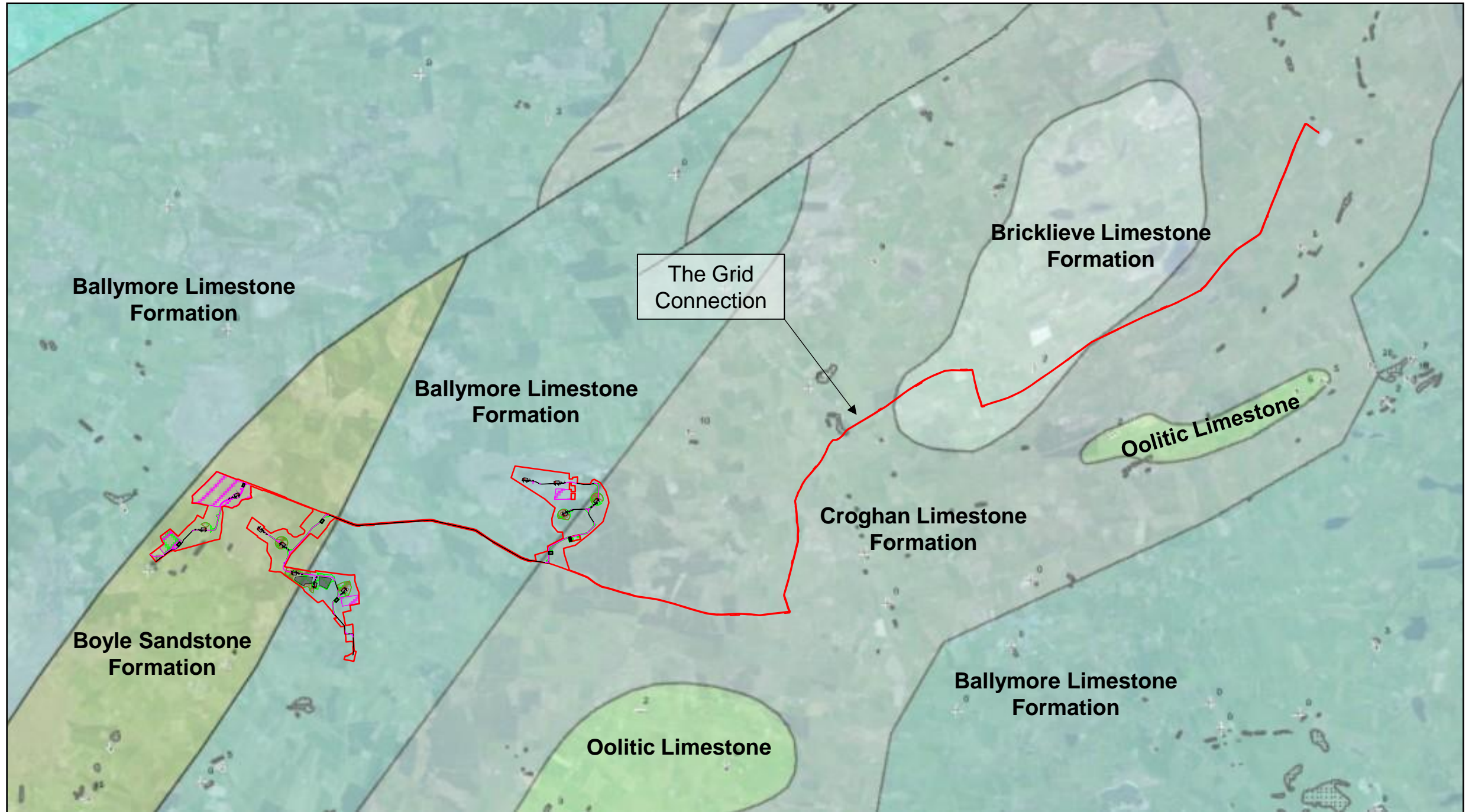


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3. Background Mapping Source: OSI Digital Globe.

Designed by J.R.	Checked by J.W.	Approved by - date J.W. / Mar 2026	Drawing No. Figure A1.	Date 10/03/2026	Scale NTS
Whiteford Geoservices Ltd Straid House, 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Solid Geology		
Carrigeen Renewable Energy Development Soils and Geology Assessment				Edition 2	Sheet 2

GSI – Solid Geology

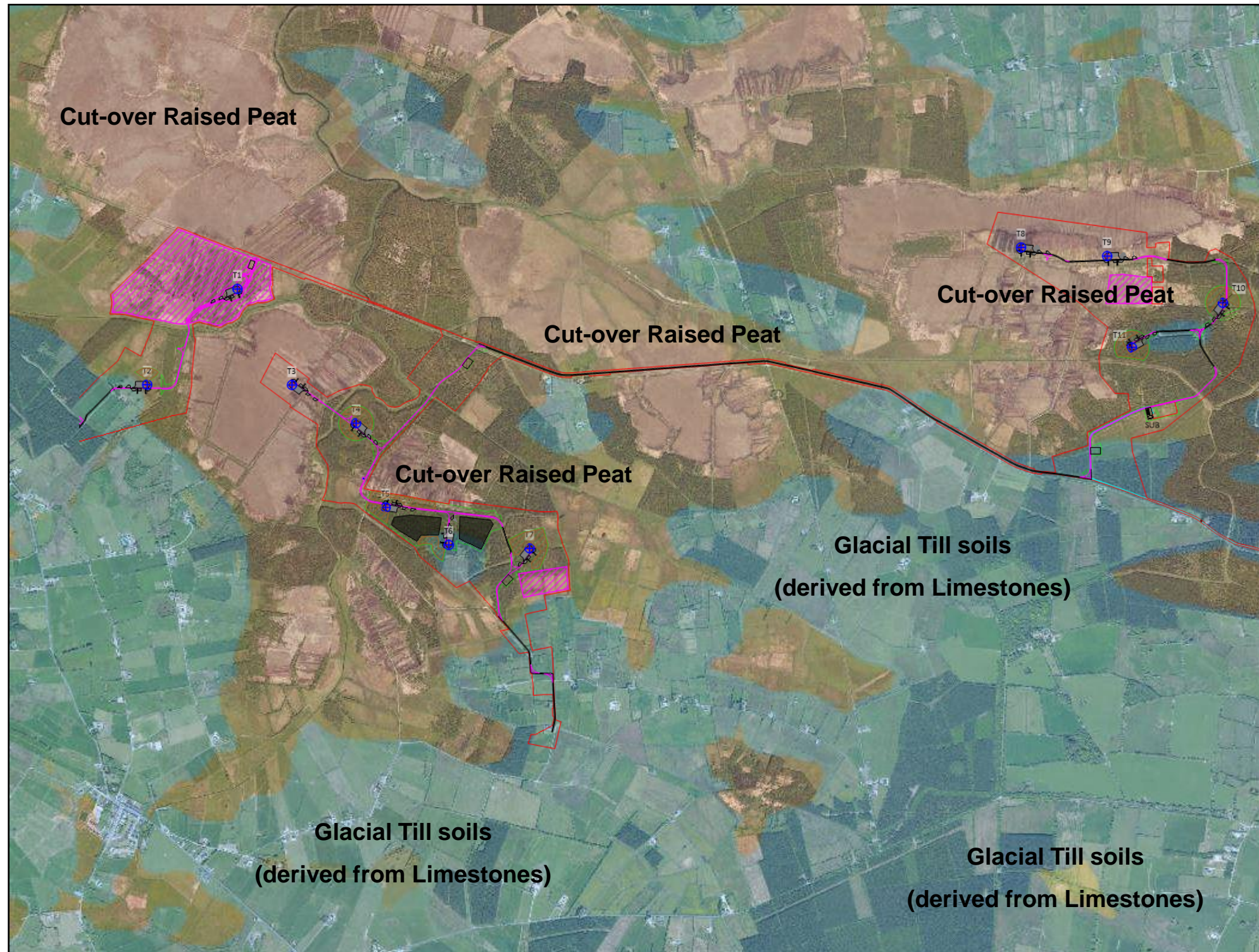


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Whiteford Geoservices Ltd Straid House, 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Solid Geology (Including GCR)		
Carrigeen Renewable Energy Development Soils and Geology Assessment				Edition 2	Sheet 2

GSI – Superficial Geology

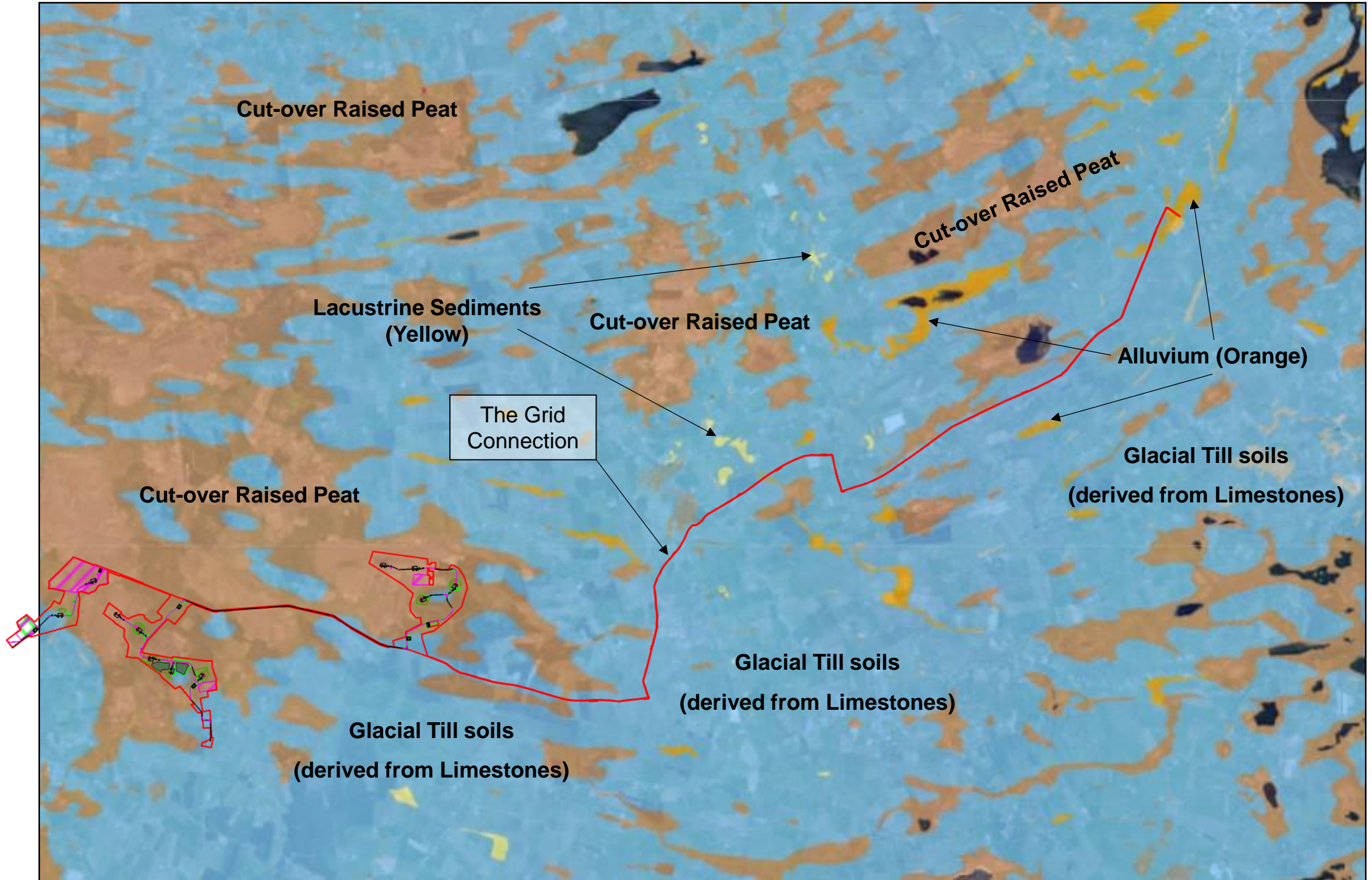


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Superficial Geology Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet

GSI – Superficial Geology



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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Superficial Geology Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Groundwater Features, Karst Features, Springs and Abstraction Points

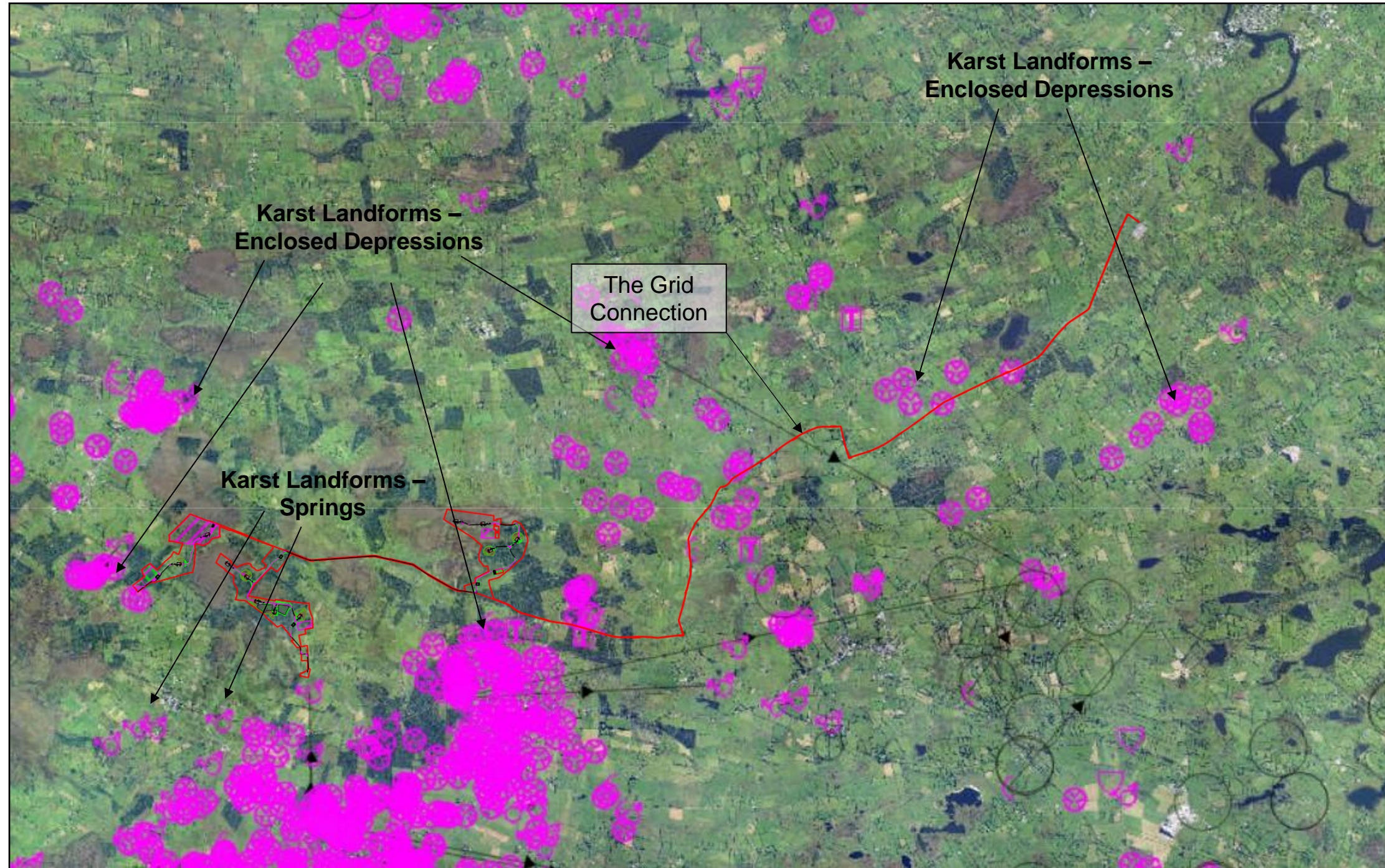


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT33 9 NE			Geological Survey of Ireland Online mapping Database Groundwater Features, Karst, Springs & Abstraction Points Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Groundwater Features, Karst Features, Springs and Abstraction Points



- Borehole
- Cave
- Dry Valley
- Enclosed Depression
- Estavelle
- Spring
- Superficial Solution Feature
- Swallow Hole
- Turlough

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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online mapping Database Groundwater Features, Karst, Springs & Abstraction Points Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Landslide Susceptibility



Carrigeen
Renewable Energy
Development
location

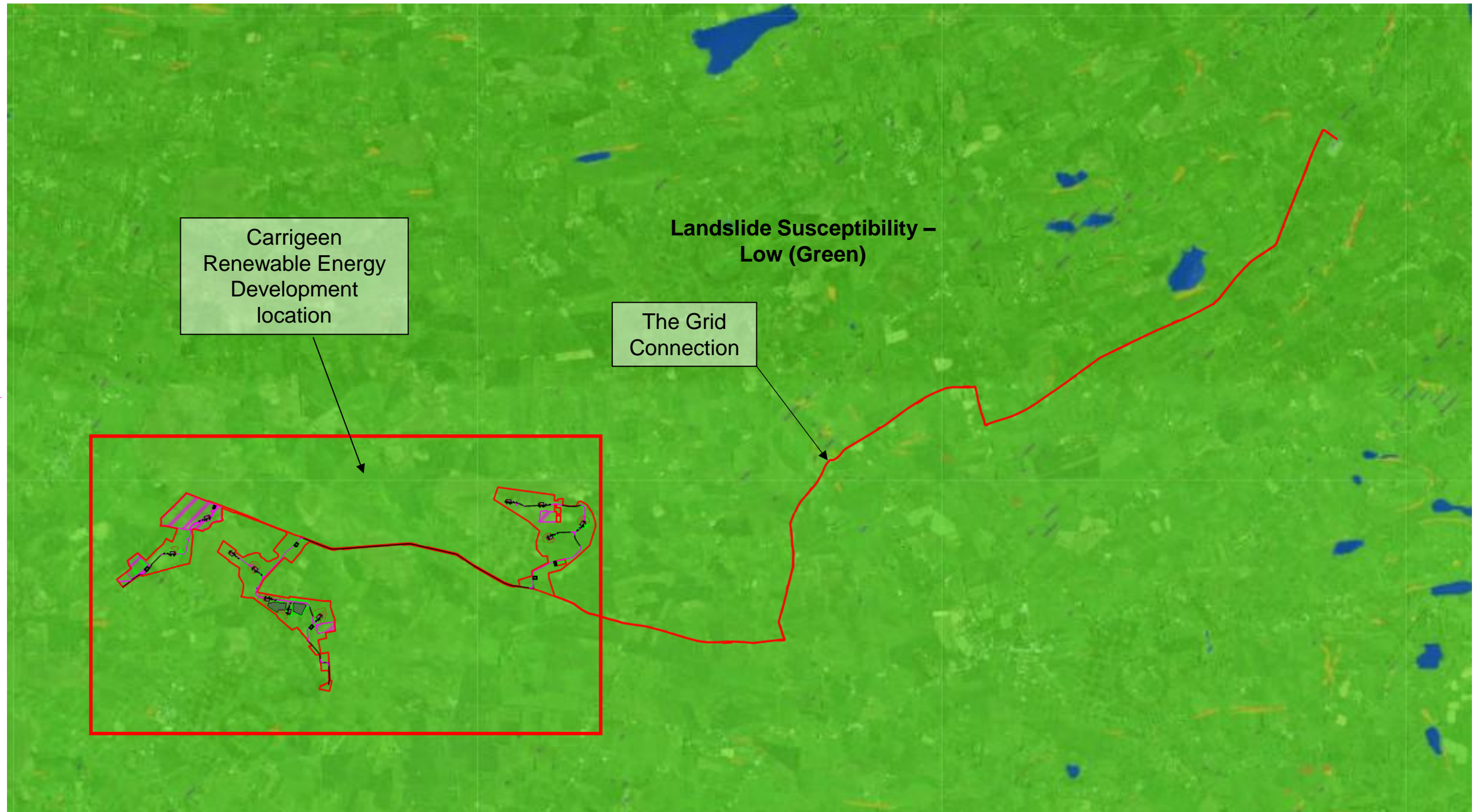
Landslide Susceptibility –
Low (Green)

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3. Background Mapping Source: OSI Digital Globe.

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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Landslide Susceptibility		
Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment				Edition 2	Sheet 2

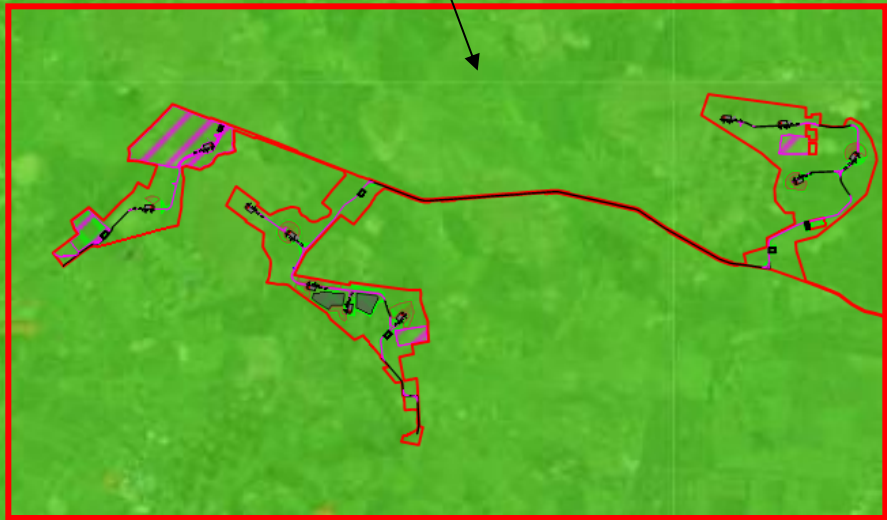
GSI – Landslide Susceptibility



Carrigeen
Renewable Energy
Development
location

Landslide Susceptibility –
Low (Green)

The Grid
Connection

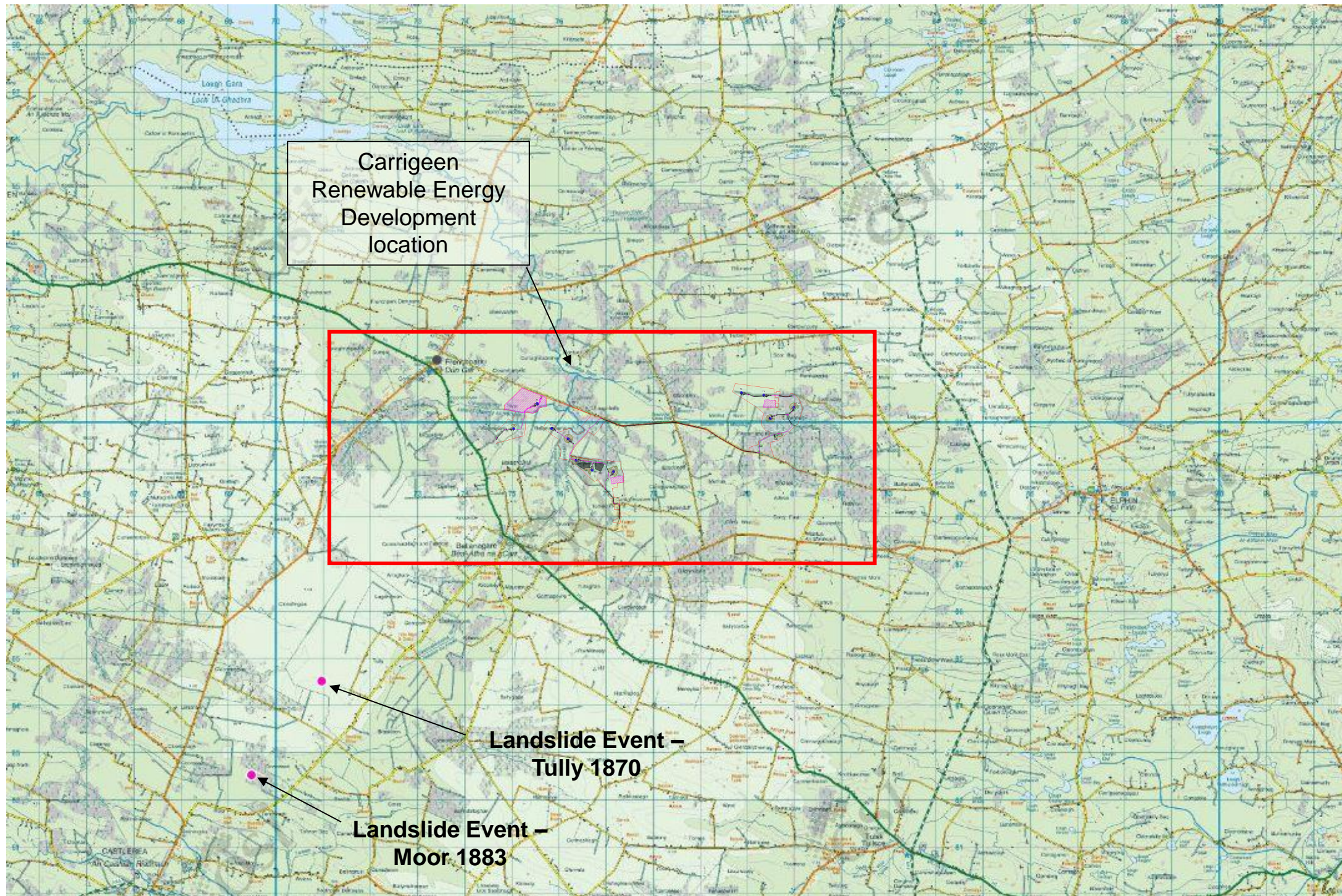


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Landslide Susceptibility		
Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment				Edition 2	Sheet

GSI – Recorded Landslide Events

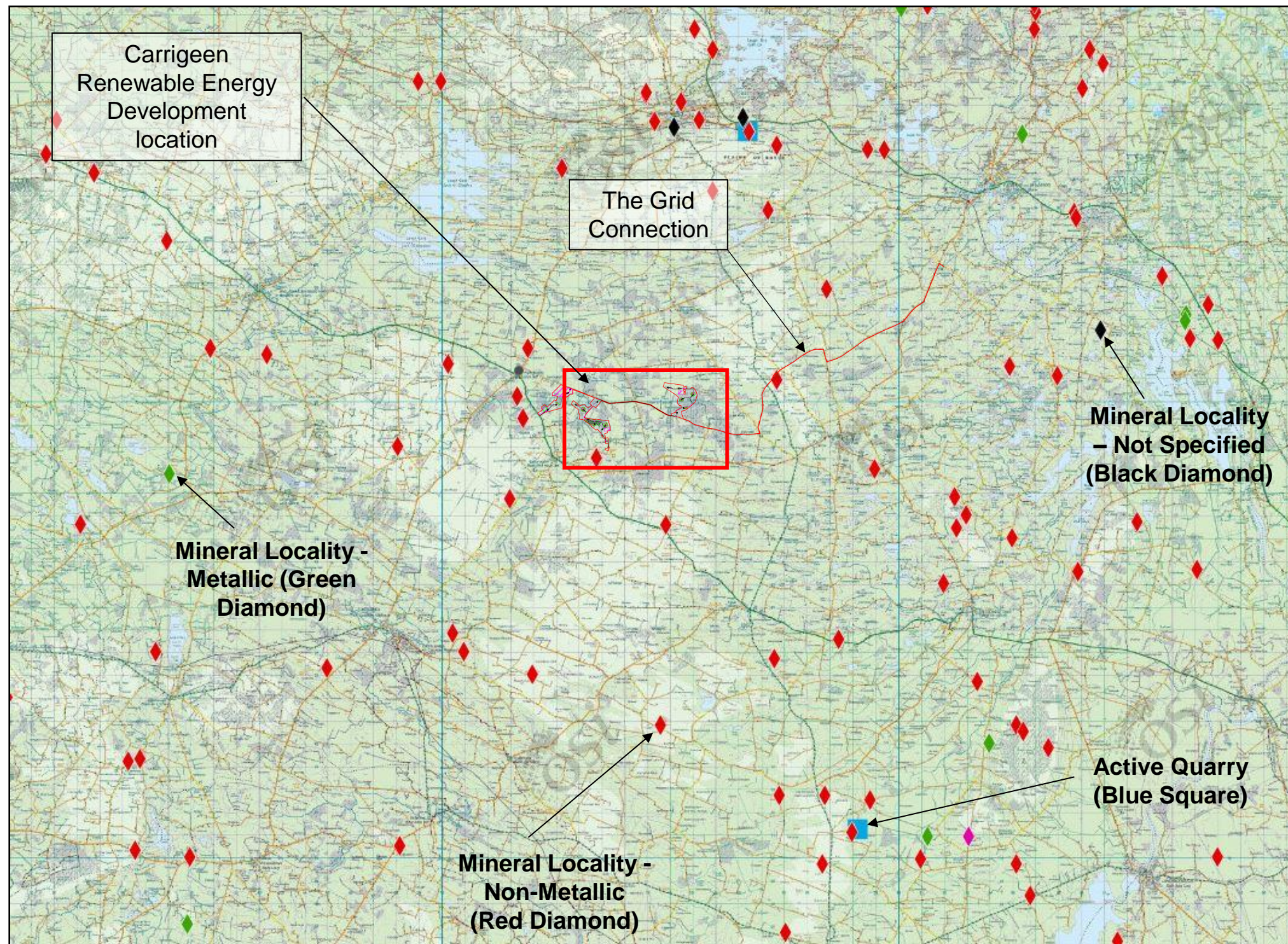


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Recorded Landslide Events Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Active Quarries and Mineral Occurrences

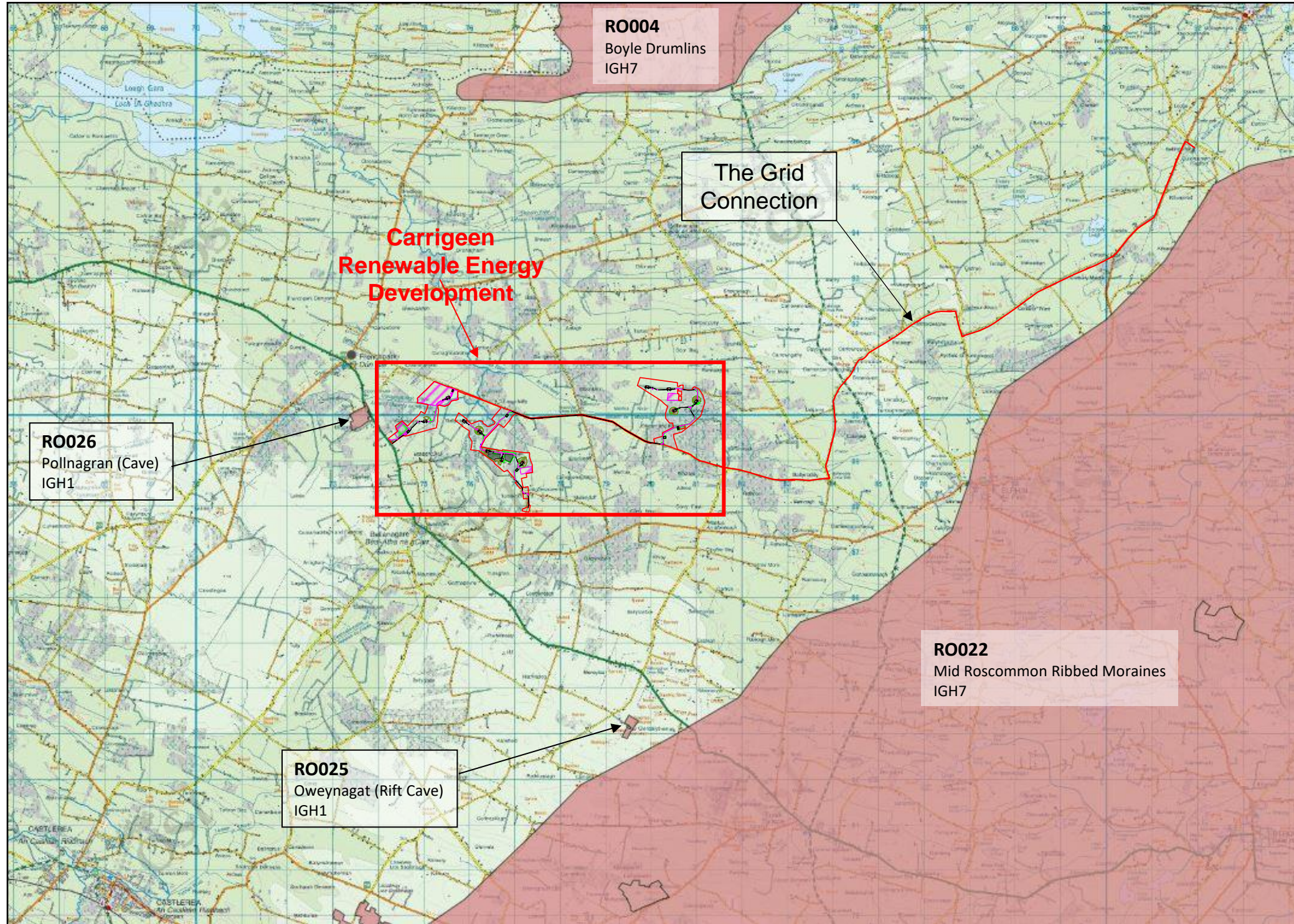


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Whiteford Geoservices Ltd Straid House, 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Active Quarries and Mineral Occurrences Carrigeen Renewable Energy Development Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Geological Audited and Un-audited Sites

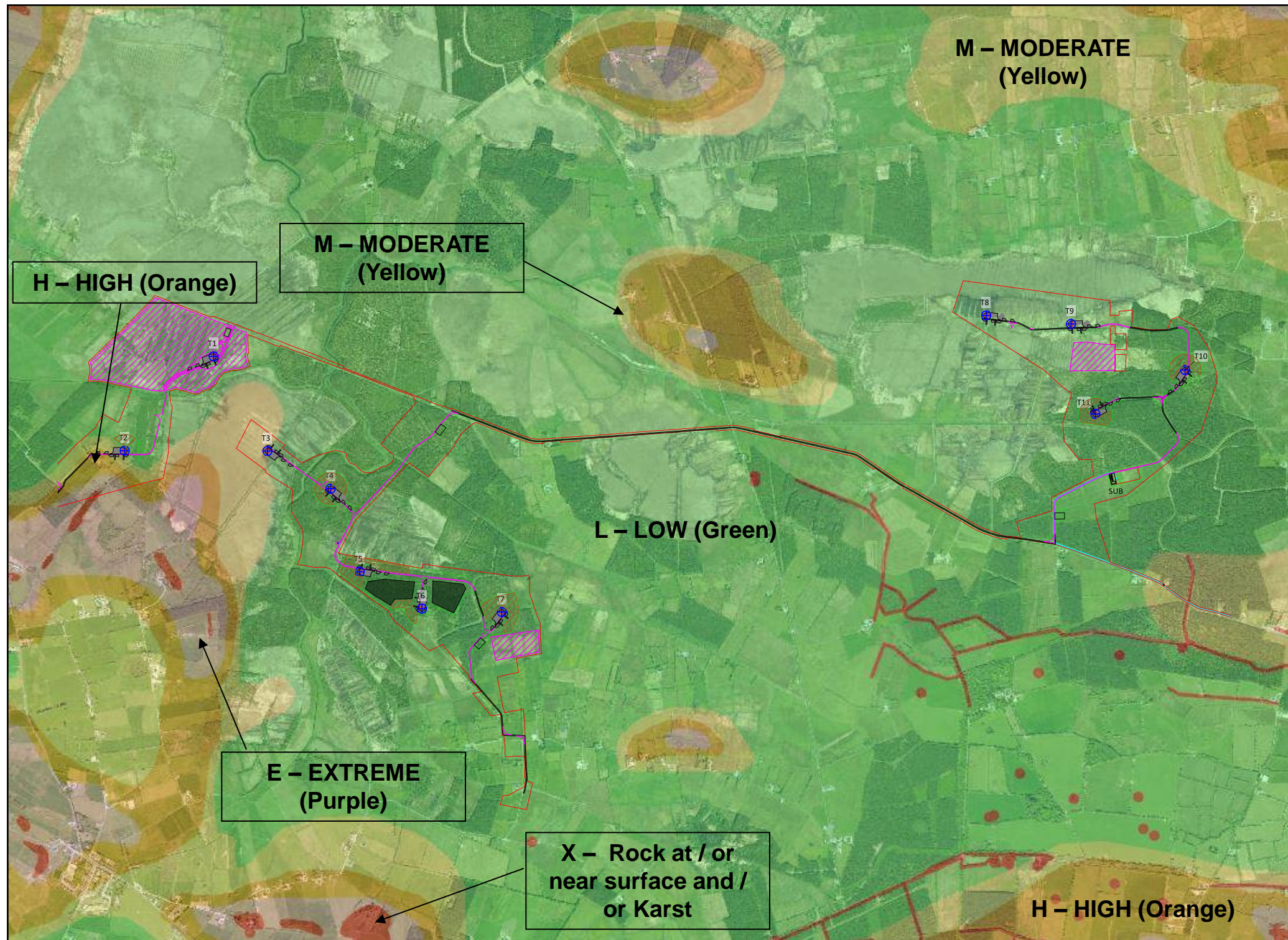


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Geological Audited and Un-audited Sites Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Groundwater Vulnerability

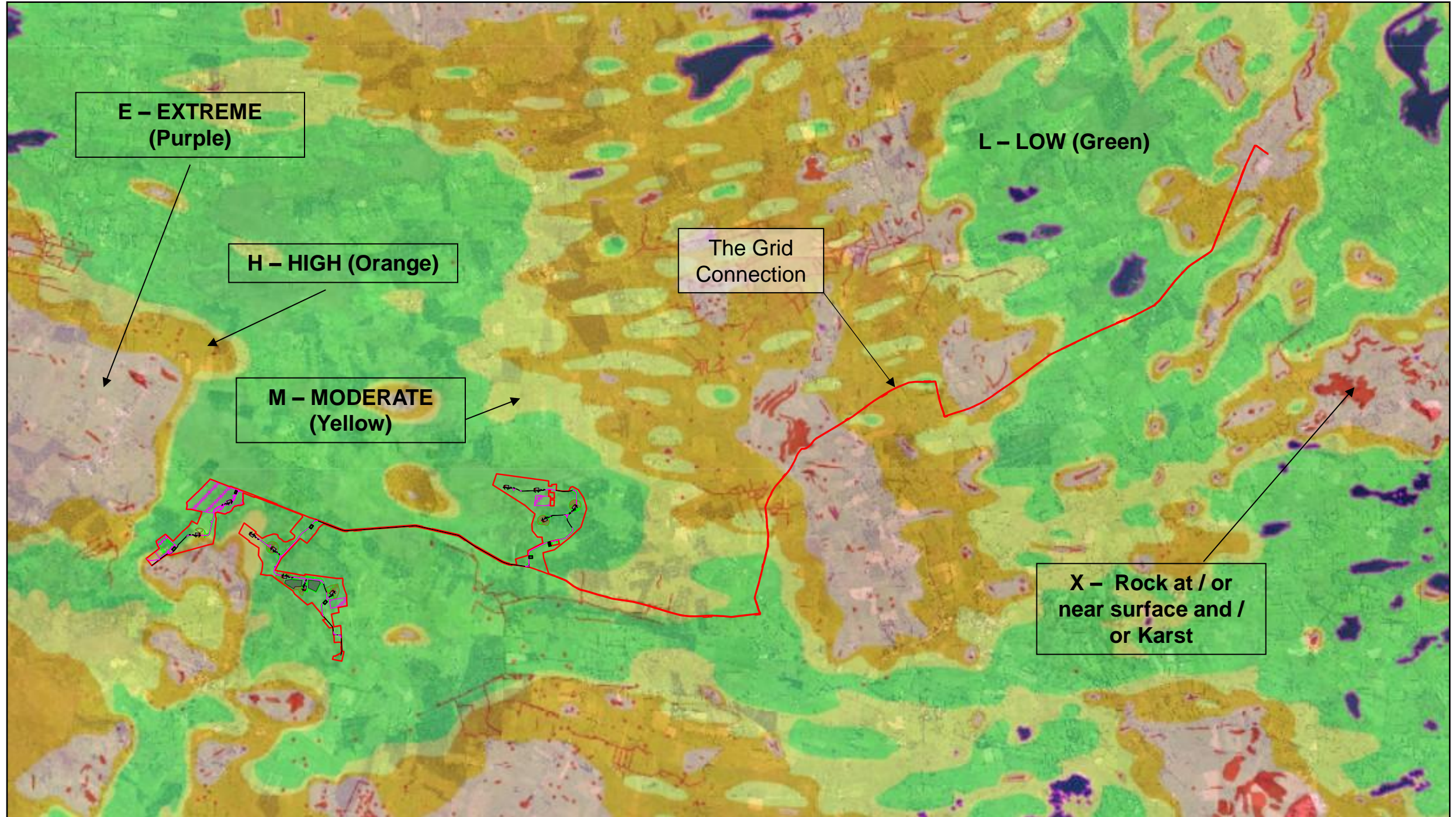


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Groundwater Vulnerability Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Groundwater Vulnerability



**E – EXTREME
(Purple)**

H – HIGH (Orange)

**M – MODERATE
(Yellow)**

**The Grid
Connection**

L – LOW (Green)

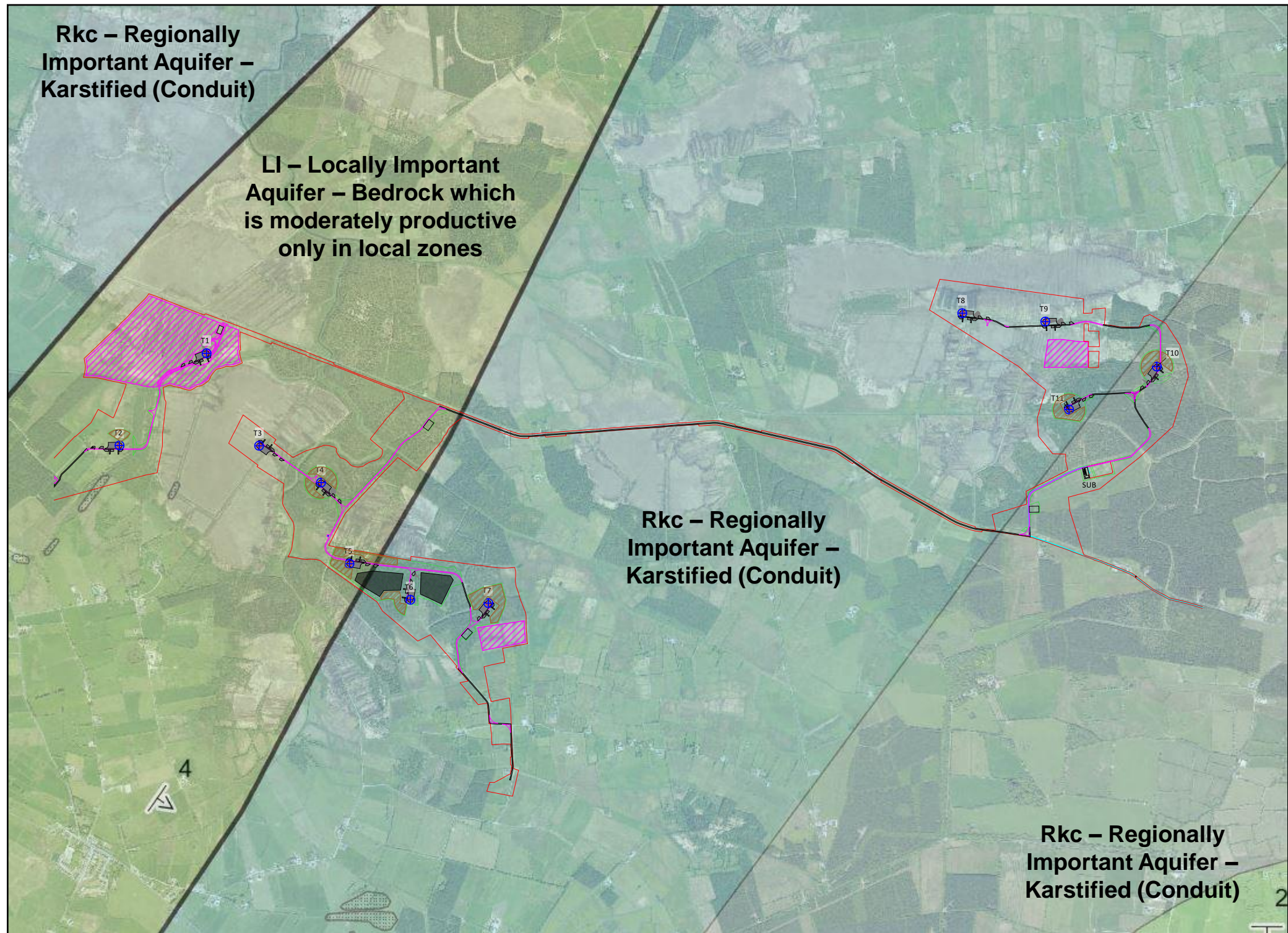
**X – Rock at / or
near surface and /
or Karst**

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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Groundwater Vulnerability Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Groundwater Resources / Bedrock Aquifer Potential

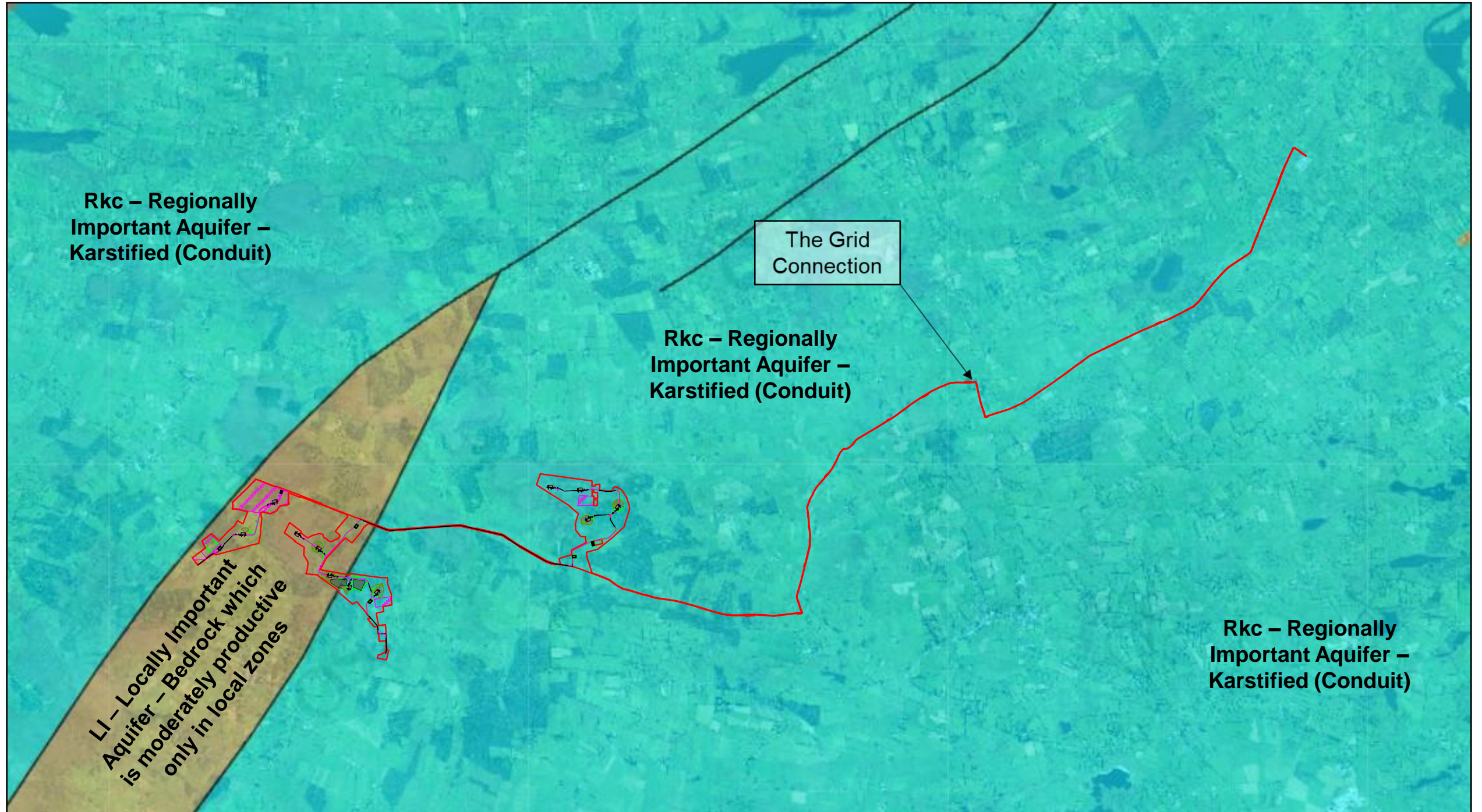


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Groundwater Resources Carrigeen Renewable Energy Develop- ment Soils and Geology Assessment		
				Edition 2	Sheet 2

GSI – Groundwater Resources / Bedrock Aquifer Potential

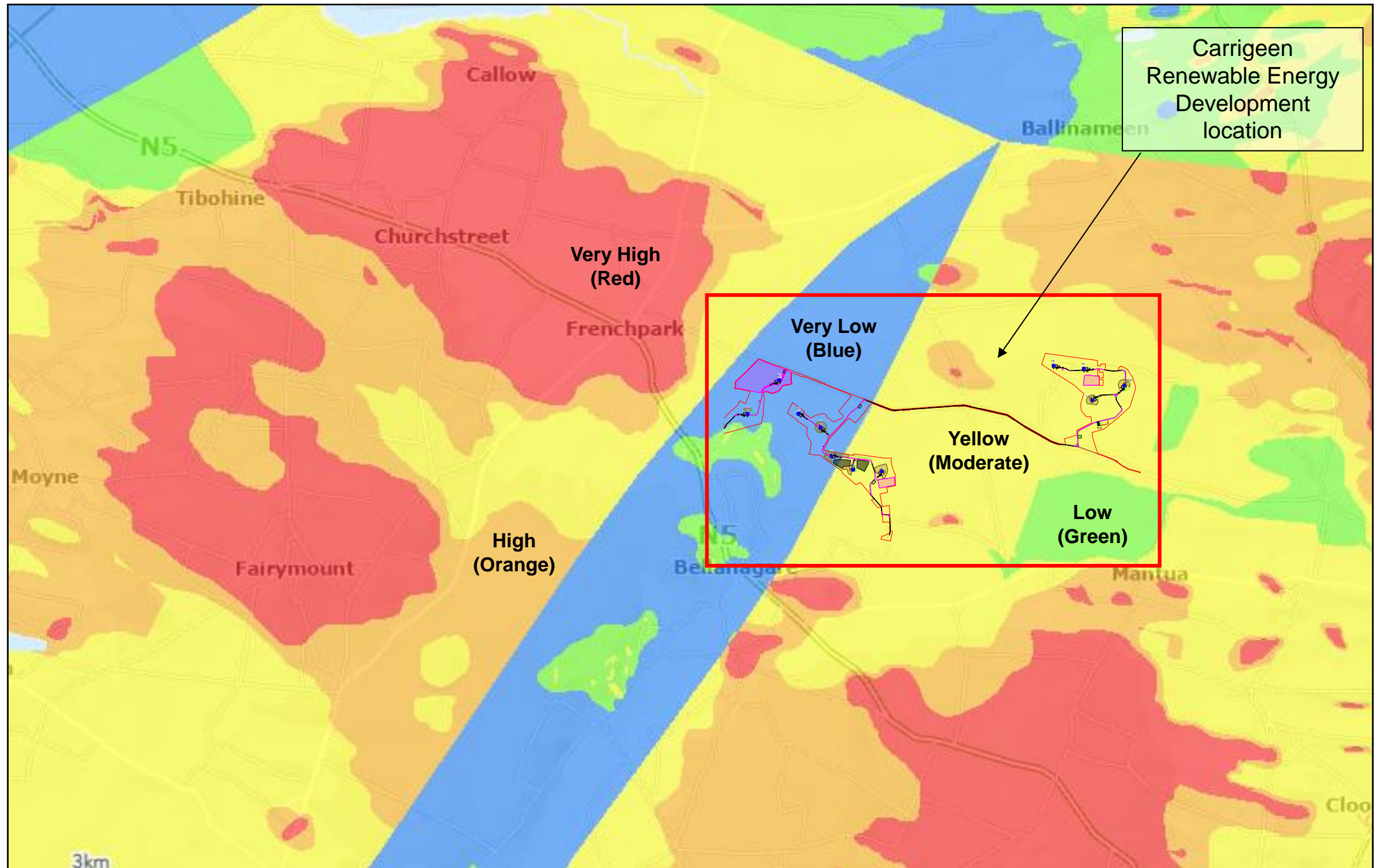


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Groundwater Resources		
Carrigeen Renewable Energy Development Soils and Geology Assessment				Edition 2	Sheet 2

GSI – Bedrock Aggregate Potential

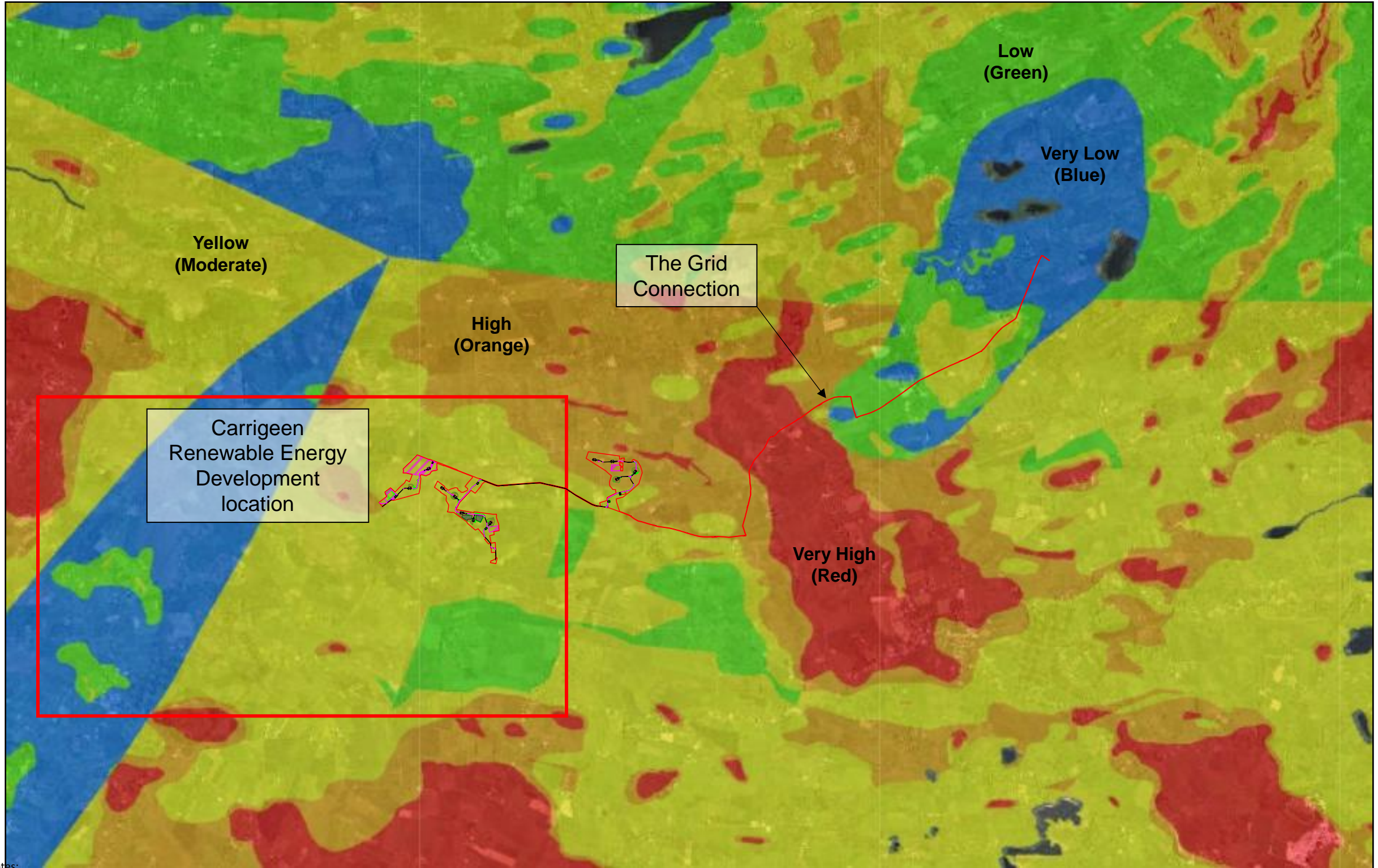


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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK BT39 9 NE			Geological Survey of Ireland Online Mapping Database Bedrock Aggregate Potential		
Carrigeen Renewable Energy Development Soils and Geology Assessment				Edition 2	Sheet 2

GSI – Bedrock Aggregate Potential



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Whiteford Geoservices Ltd Straid House 2 Main Street, Straid, BALLYCLARE, Co. Antrim, UK. BT39 9 NE			Geological Survey of Ireland Online Mapping Database Bedrock Aggregate Potential		
Carrigeen Renewable Energy Development Soils and Geology Assessment				Edition 2	Sheet 2