



DESIGNING AND DELIVERING  
A SUSTAINABLE FUTURE

# LONGFORDPASS, LITTLETON, LANESPARK AND DERRYVELLA BOGS – APPLICATION FOR SUBSTITUTE CONSENT

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Volume 4 - rEIAR Figures

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Prepared for:

Bord na Móna Energy Ltd



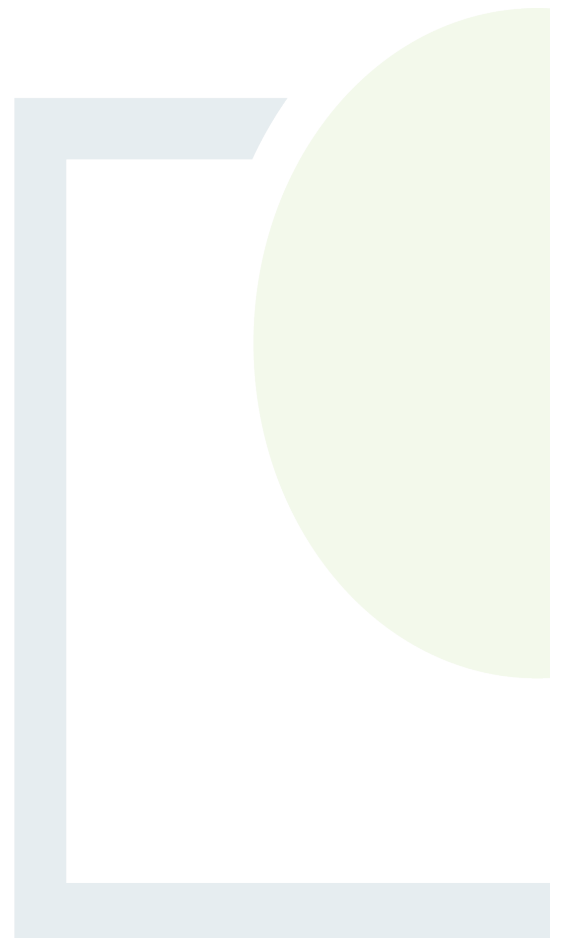
Date: May 2026

Unit 3/4, Northwood House, Northwood Crescent,  
Northwood, Dublin, D09 X899, Ireland

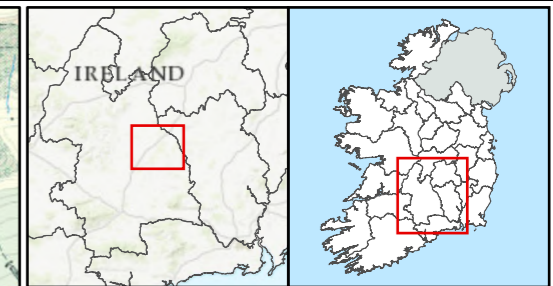
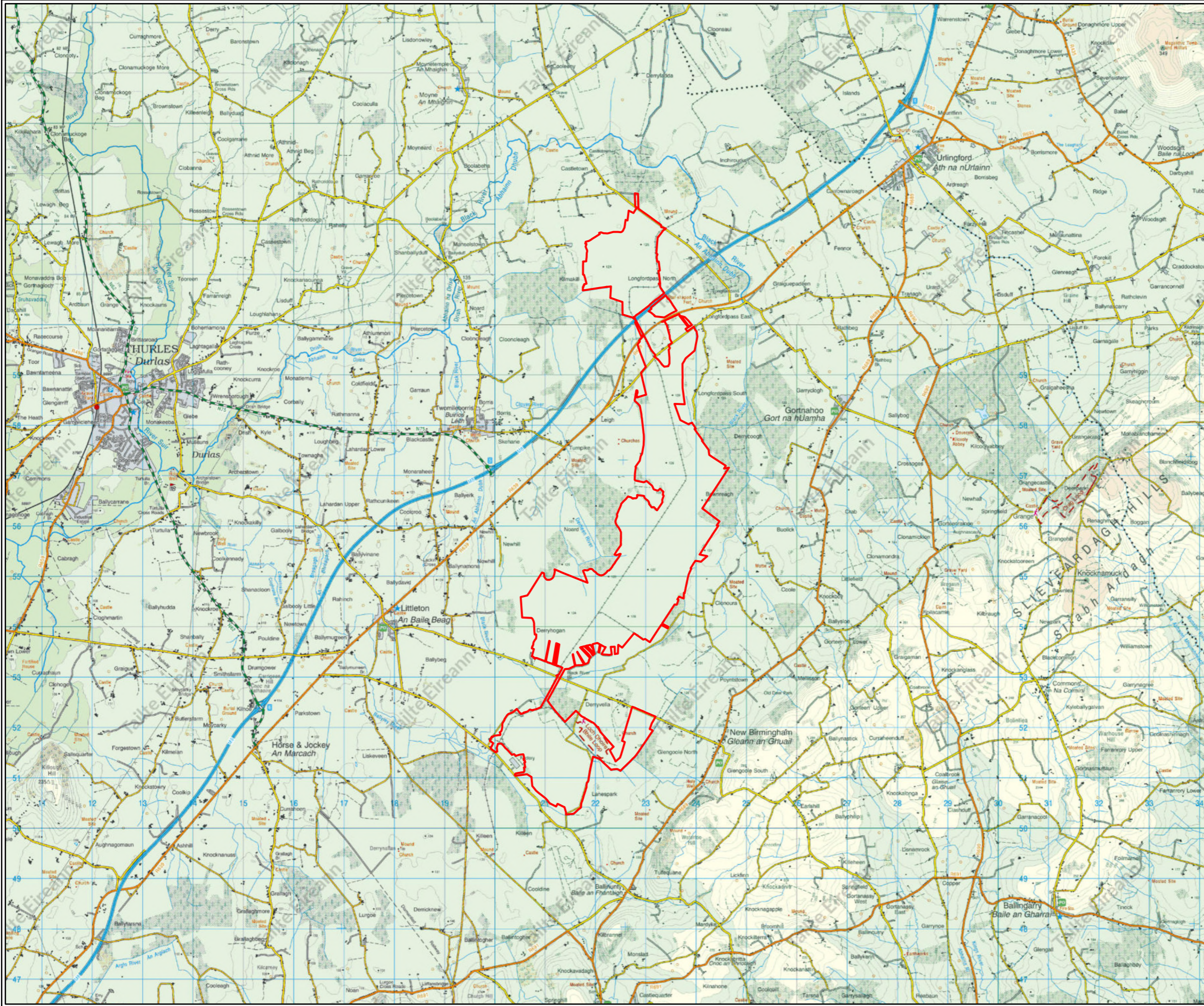
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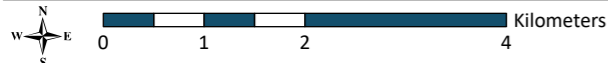


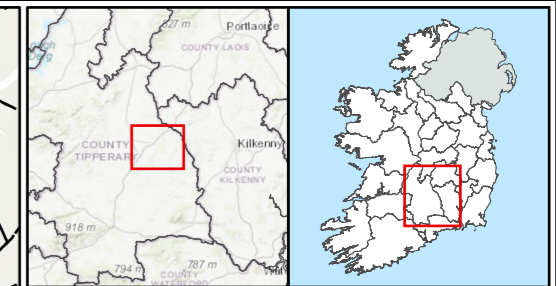
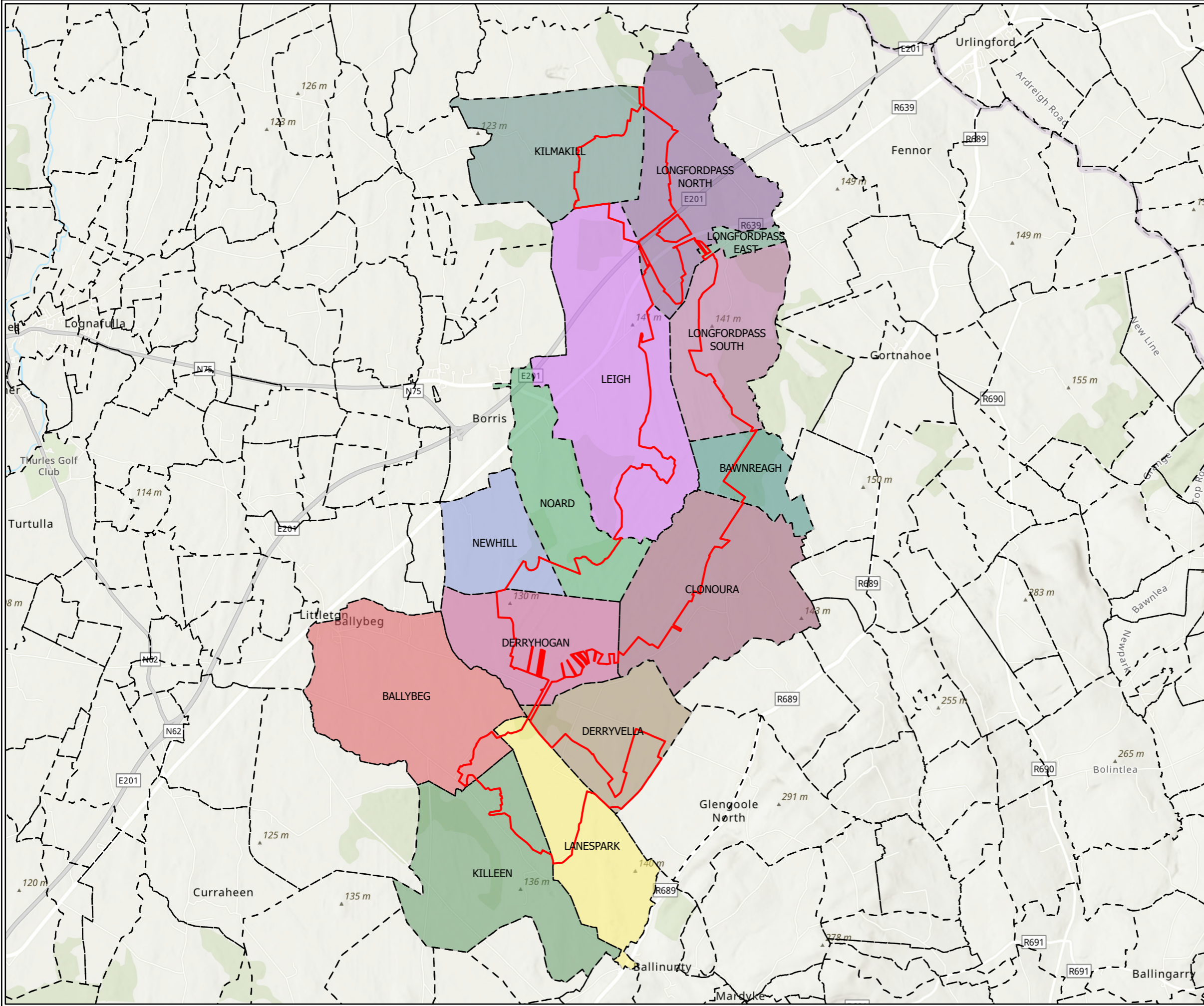
| Figure No. | Figure Title  |
|------------|---|
| 1.1        | Site Location   |
| 1.2        | Site Location and Townlands                               |
| 4.1        | Location of Littleton Works                               |
| 4.2        | Railway Network at the Application Site                   |
| 5.1        | Study Area EDs  |
| 5.2        | Study Area Townlands                                      |
| 5.3        | Receptors within 2km of the Site                          |
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| 6.3        | Designated Sites Map                                      |
| 6.4        | Bird Survey VP Locations                                  |
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**Legend**  
Site Boundary

|                   |  |
|-------------------|--|
| <b>TITLE:</b>     | Site Location                                |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent |
| <b>FIGURE NO:</b> | 1.1  |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                  |
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**Legend**

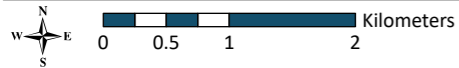
- Site Boundary
- Townlands

Intersecting Townlands




- BALLYBEG
- BAWNREAGH
- CLONOURA
- DERRYHOGAN
- DERRYVELLA
- KILLEEN
- KILMAKILL
- LANESPARK
- LEIGH
- LONGFORDPASS EAST
- LONGFORDPASS NORTH
- LONGFORDPASS SOUTH
- NEWHILL
- NOARD

|                    |  |
|--------------------|--|
| <b>TITLE:</b>      | Site Location and Townlands                  |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |
| <b>FIGURE NO.:</b> | 1.2  |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |
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-  Littleton Works
-  Littleton Briquette Factory
-  Application Site Boundary



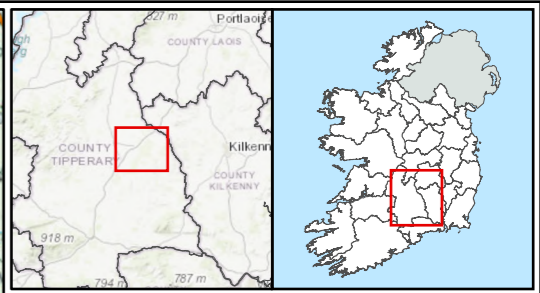
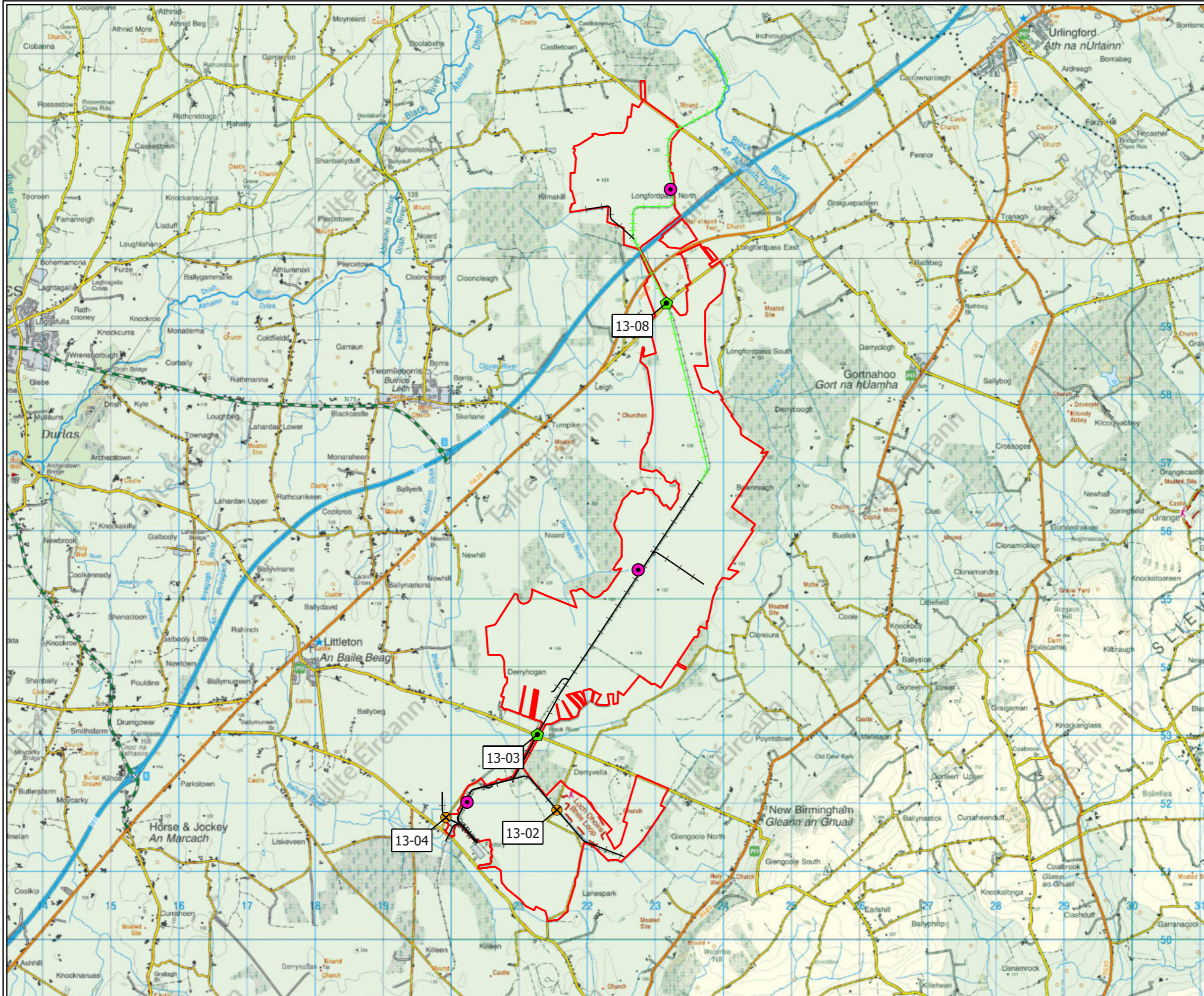
### Littleton Works Location

|                                   |                    |                   |                  |
|-----------------------------------|--------------------|-------------------|------------------|
| DWG No.<br><b>BNM-REW-088-08A</b> | Scale:<br>1:45,000 | User:<br>LenihanM | Date: 13/04/2026 |
|-----------------------------------|--------------------|-------------------|------------------|



Tailte Éireann

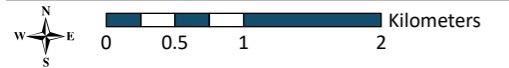
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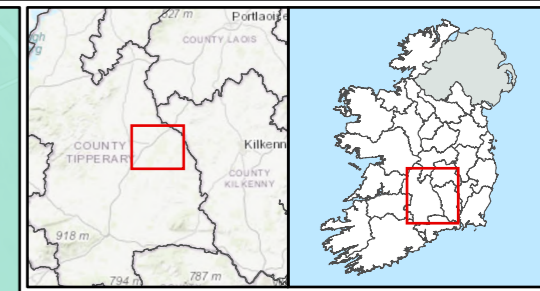
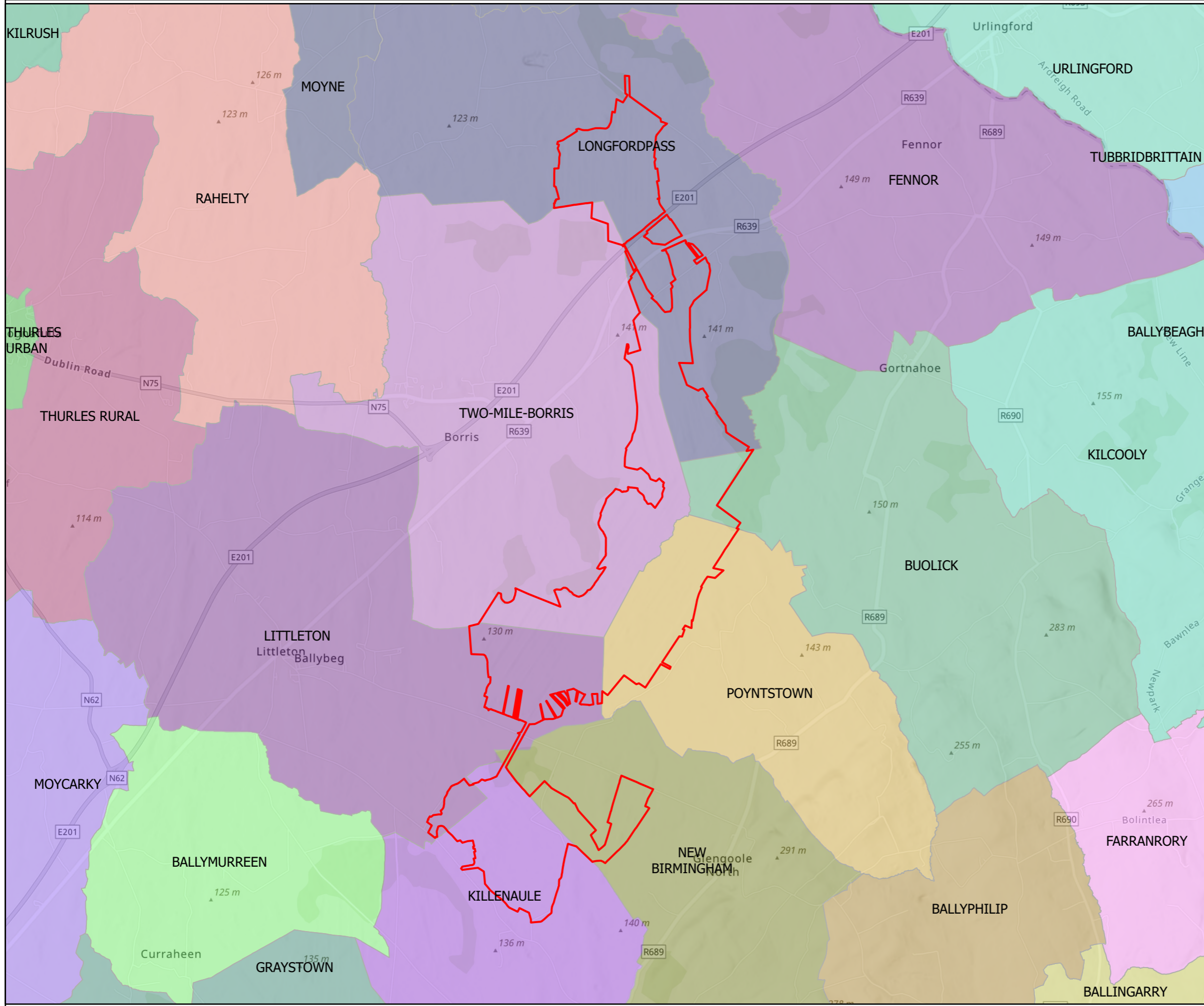


**Legend**

- Site Boundary
- Available for Decommissioning
- Removed
- Guarded Level Crossing
- Road Underpass
- Local Holding Area

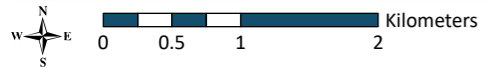
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|-------------------|---|
| <b>TITLE:</b>     | Littleton Bog Group<br>Internal Rail Network    |
| <b>PROJECT:</b>   | Littleton Peat Extraction<br>Substitute Consent |
| <b>FIGURE NO:</b> | 4.2   |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                     |
| <b>SCALE:</b>     | 1:55,000  |
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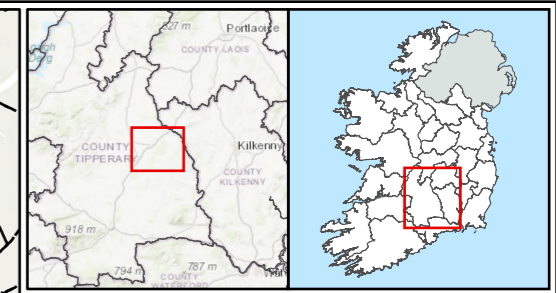
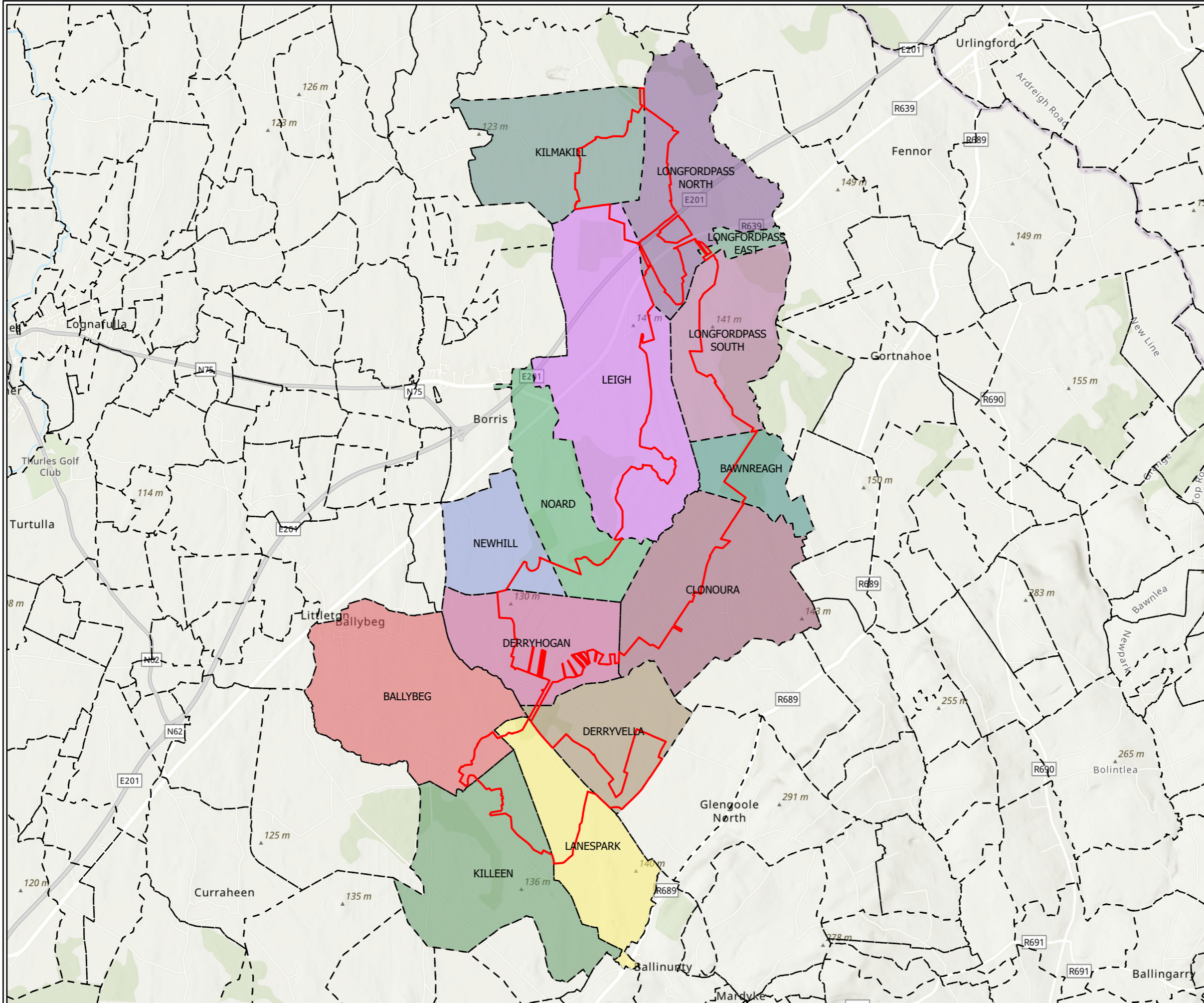




- Legend**
- Site Boundary
  - Electoral Divisions**
  - BALLINGARRY
  - BALLYBEAGH
  - BALLYMURREEN
  - BALLYPHILIP
  - BUOLICK
  - FARRANRORY
  - FENNOR
  - GRAYSTOWN
  - KILCOOLY
  - KILLENAULE
  - KILRUSH
  - LITTLETON
  - LONGFORDPASS
  - MOYCARKY
  - MOYNE
  - NEW BIRMINGHAM
  - POYNTSTOWN
  - RAHELTY
  - THURLES RURAL
  - THURLES URBAN
  - TUBBRIDBRITTAIN
  - TWO-MILE-BORRIS
  - URLINGFORD

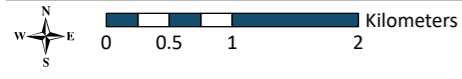
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|-------------------|--|
| <b>TITLE:</b>     | Study Area (Electoral Divisions)             |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent |
| <b>FIGURE NO:</b> | 5.1  |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                  |
| <b>SCALE:</b>     | 1:55,000                                     |
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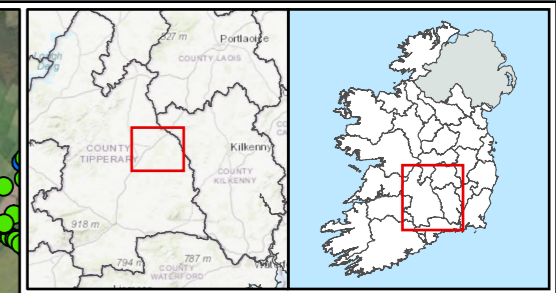
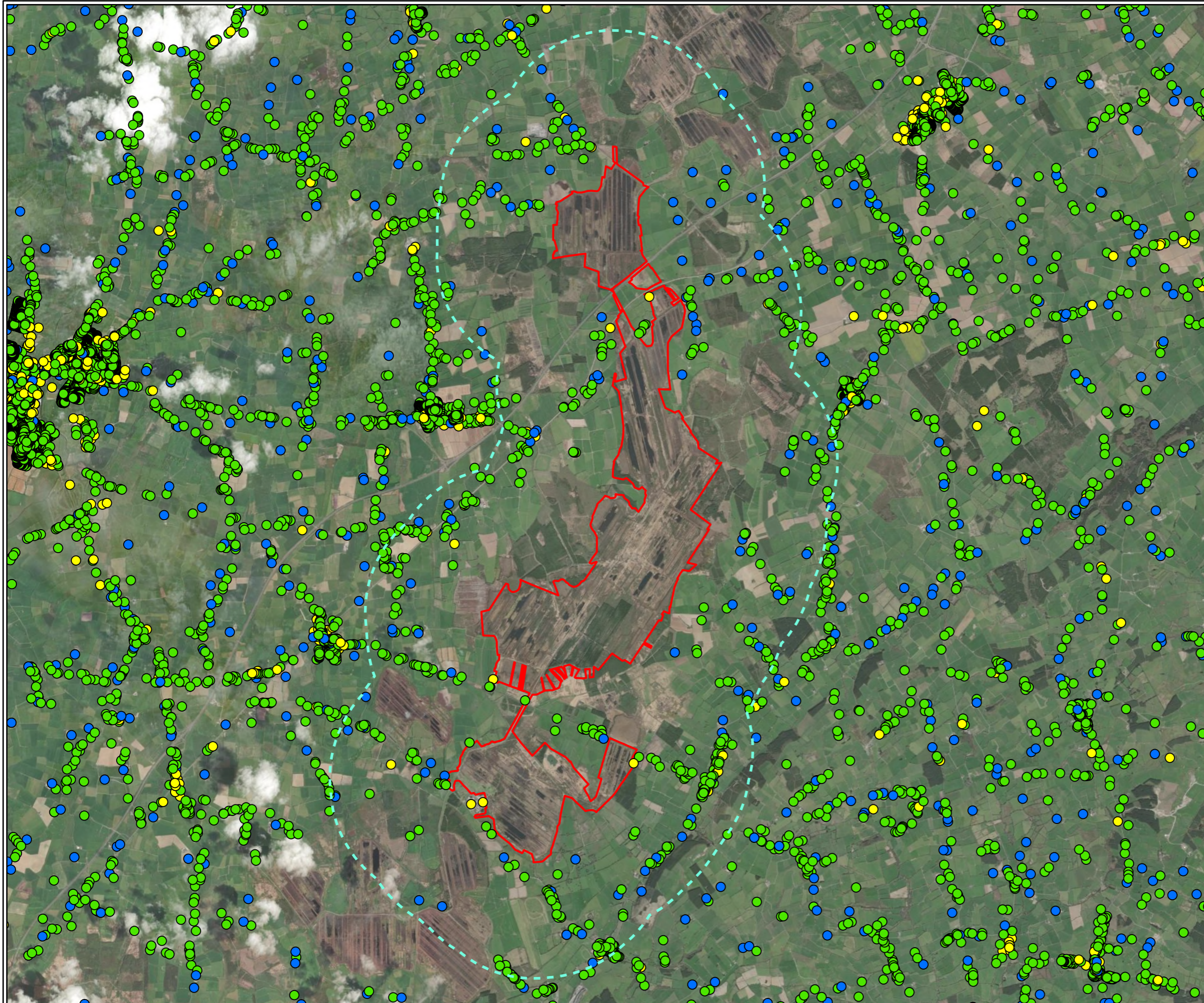




- Legend**
- Site Boundary
  - Townlands
- Intersecting Townlands
- BALLYBEG
  - BAWNREAGH
  - CLONOURA
  - DERRYHOGAN
  - DERRYVELLA
  - KILLEEN
  - KILMAKILL
  - LANESPARK
  - LEIGH
  - LONGFORDPASS EAST
  - LONGFORDPASS NORTH
  - LONGFORDPASS SOUTH
  - NEWHILL
  - NOARD

|                    |  |
|--------------------|--|
| <b>TITLE:</b>      | Study Area (Townlands)                       |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |
| <b>FIGURE NO.:</b> | 5.2  |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |
| <b>SCALE:</b>      | 1:60,000                                     |
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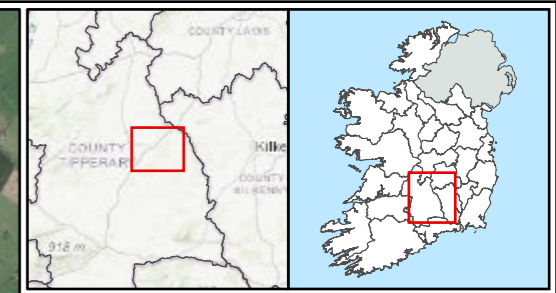




- Legend**
- Site Boundary
  - 2km
- Building Use**
- Commercial
  - Residential
  - Mixed-Use

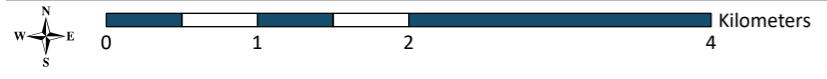
|   |                      |
|---|----------------------|
| <b>TITLE:</b>                                   |                      |
| Receptors within 2km of the Site                |                      |
| <b>PROJECT:</b>                                 |                      |
| Littleton Peat Extraction<br>Substitute Consent |                      |
| <b>FIGURE NO:</b> 5.3                           |                      |
| <b>CLIENT:</b> Bord na Móna Energy Limited      |                      |
| <b>SCALE:</b> 1:65,000                          | <b>REVISION:</b> 0   |
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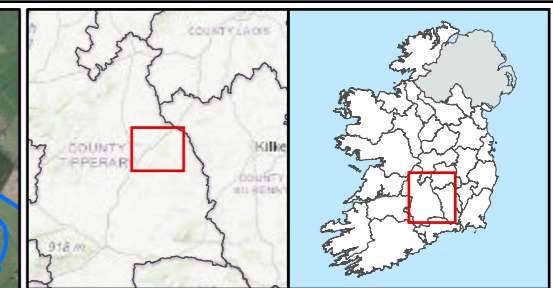




**Legend**  
 Site Boundary

|                   |   |                      |
|-------------------|---|----------------------|
| <b>TITLE:</b>     | Site Location                                   |                      |
| <b>PROJECT:</b>   | Littleton Peat Extraction<br>Substitute Consent |                      |
| <b>FIGURE NO:</b> | 6.1   |                      |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                     |                      |
| <b>SCALE:</b>     | 1:50,000  | <b>REVISION:</b> 0   |
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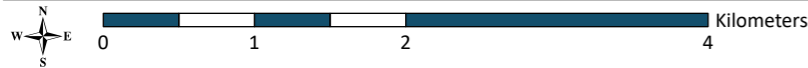


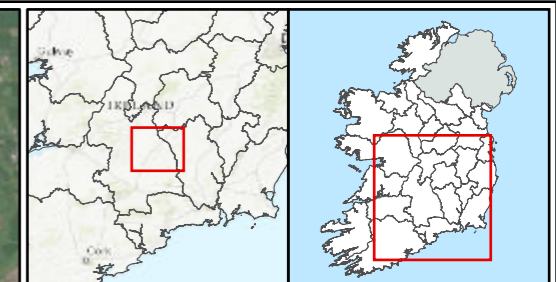
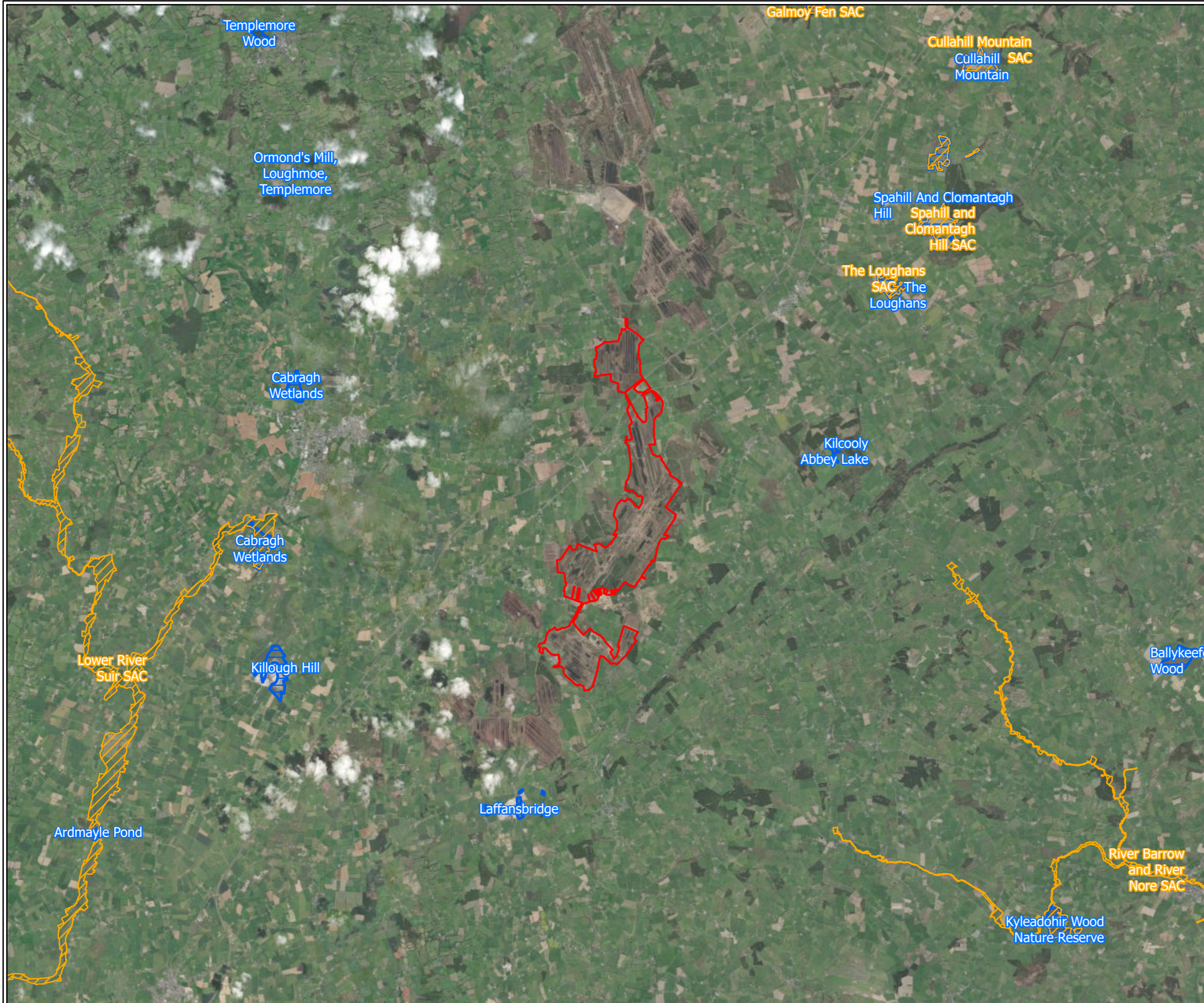


**Legend**

- Site Boundary
- WFD Rivers

|  |                      |
|--|----------------------|
| <b>TITLE:</b><br>River Waterbodies within and in Proximity to the Application Site |                      |
| <b>PROJECT:</b><br>Littleton Peat Extraction Substitute Consent                    |                      |
| <b>FIGURE NO.:</b> 6.2   |                      |
| <b>CLIENT:</b> Bord na Móna Energy Limited   |                      |
| <b>SCALE:</b> 1:50,000   | <b>REVISION:</b> 0   |
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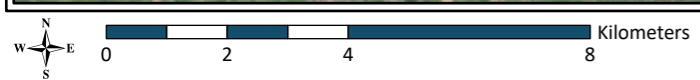


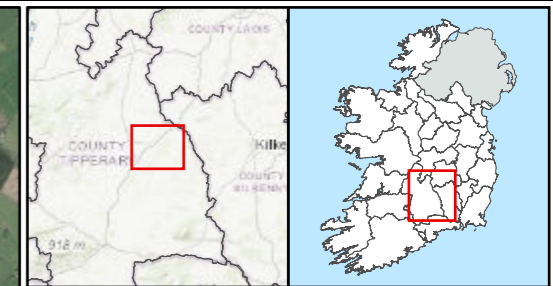
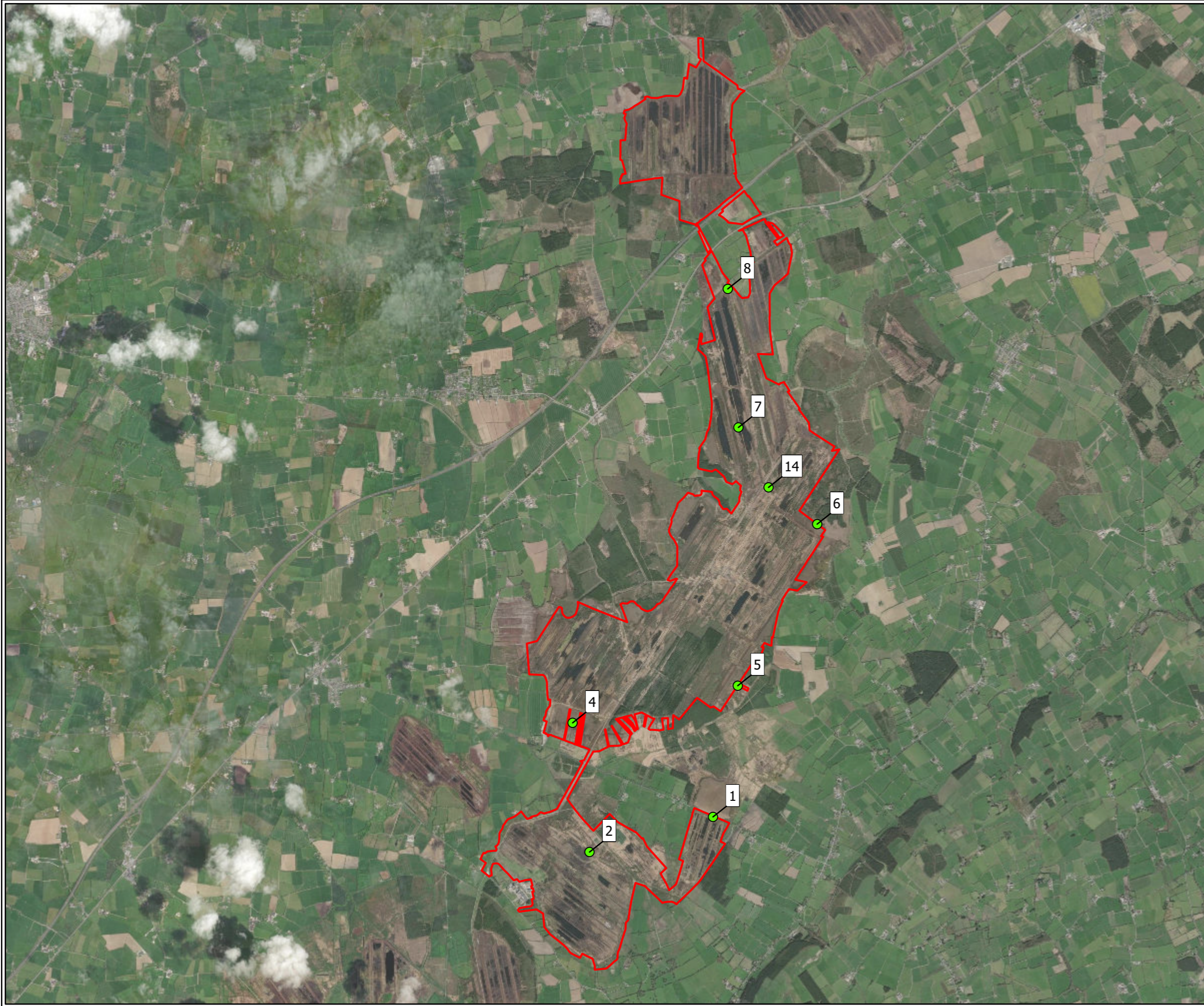
**Legend**

- Site Boundary
- Special Area of Conservation
- Proposed Natural Heritage Areas

|   |                      |
|---|----------------------|
| <b>TITLE:</b><br>Designated Sites with Potential Connectivity to the Application Site |                      |
| <b>PROJECT:</b><br>Littleton Peat Extraction Substitute Consent                       |                      |
| <b>FIGURE NO.:</b> 6.3  |                      |
| <b>CLIENT:</b> Bord na Móna Energy Limited  |                      |
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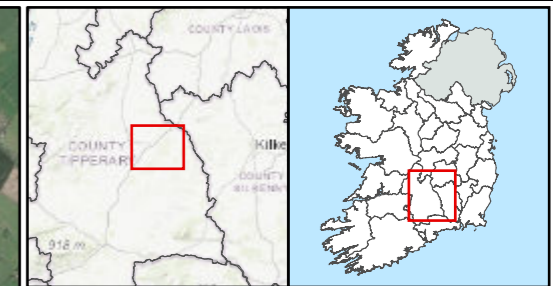
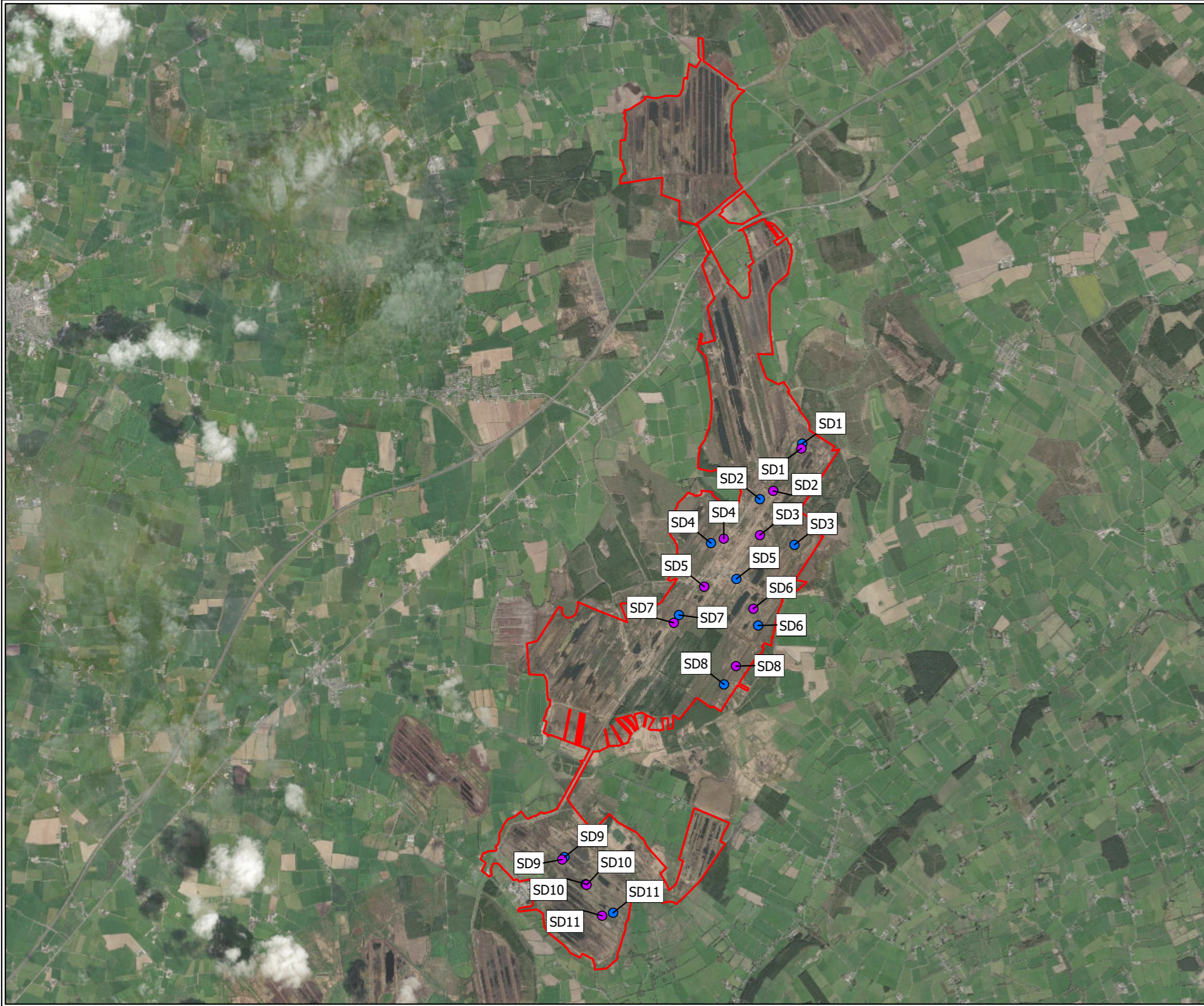




- Legend**
- Site Boundary
  - Bird Survey Vantage Point Locations

|                   |  |                   |    |
|-------------------|--|-------------------|----|
| <b>TITLE:</b>     | VP Bird Survey Locations (2025)              |                   |    |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent |                   |    |
| <b>FIGURE NO:</b> | 6.4  |                   |    |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                  |                   |    |
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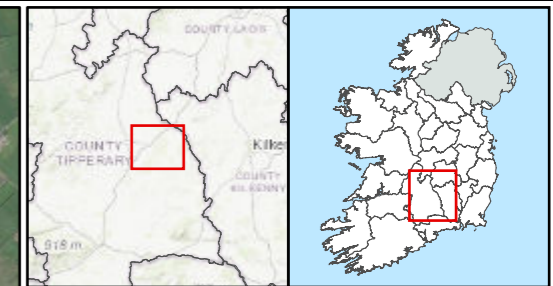
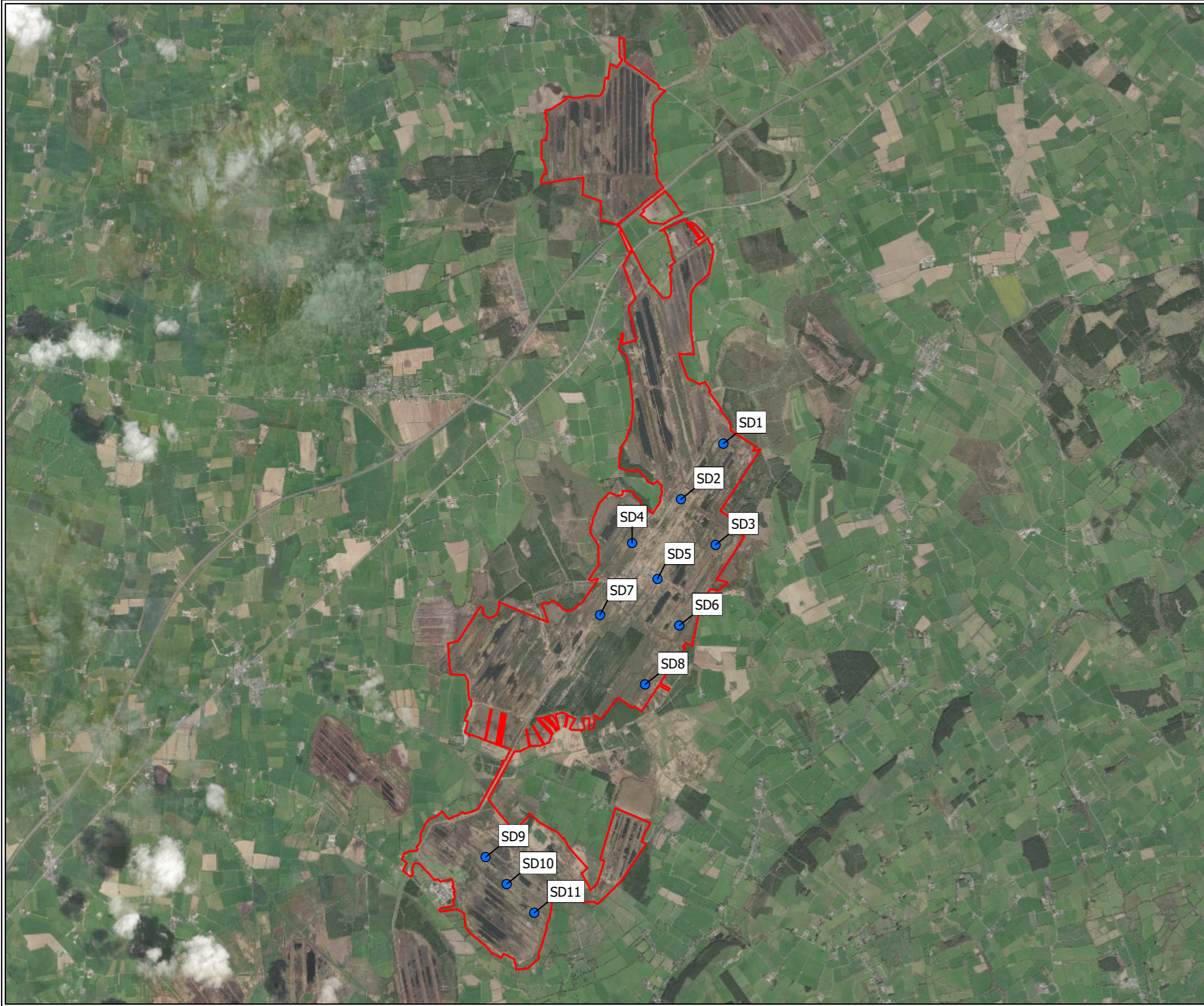




- Legend**
- Site Boundary
  - Bat Detector Locations 2023
  - Bat Detector Locations 2025

|  |                      |
|--|----------------------|
| <b>TITLE:</b><br>Static Detector Deployment Locations<br>(2023 and 2025) |                      |
| <b>PROJECT:</b><br>Littleton Peat Extraction<br>Substitute Consent       |                      |
| <b>FIGURE NO:</b>  | 6.5                  |
| <b>CLIENT:</b> Bord na Móna Energy Limited                               |                      |
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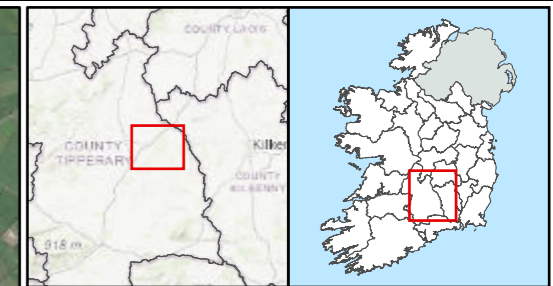
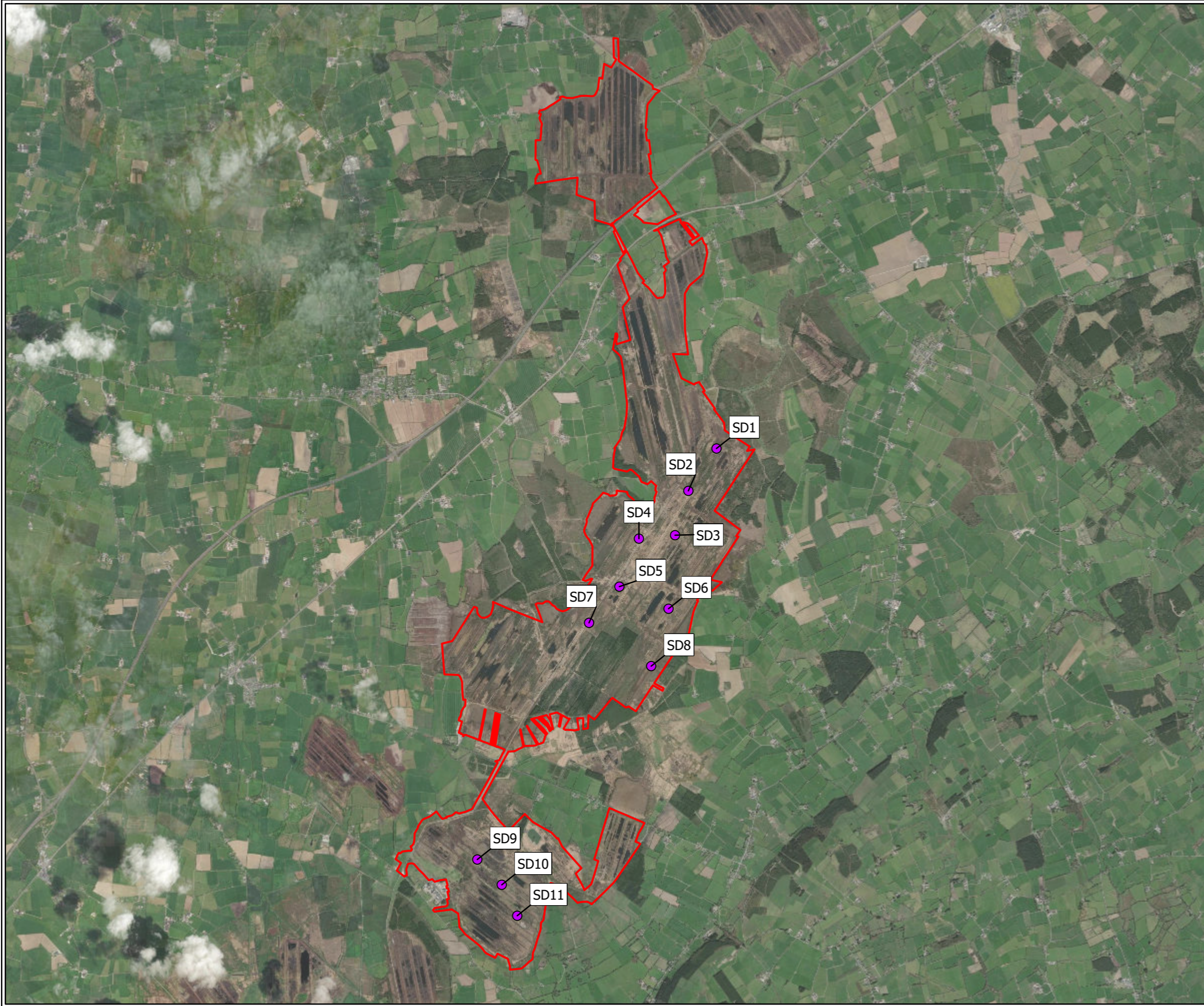




- Legend**
- Site Boundary
  - Bat Detector Locations 2023

|  |                      |
|--|----------------------|
| <b>TITLE:</b><br>Static Detector Deployment Locations<br>(2023)    |                      |
| <b>PROJECT:</b><br>Littleton Peat Extraction<br>Substitute Consent |                      |
| <b>FIGURE NO.:</b> 6.6   |                      |
| <b>CLIENT:</b> Bord na Móna Energy Limited                         |                      |
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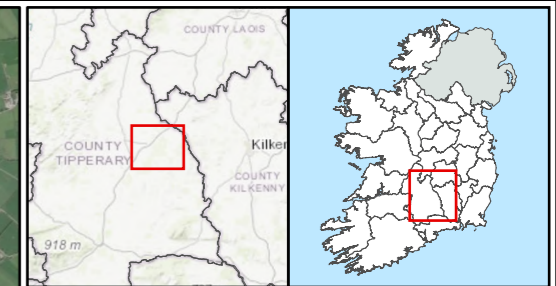
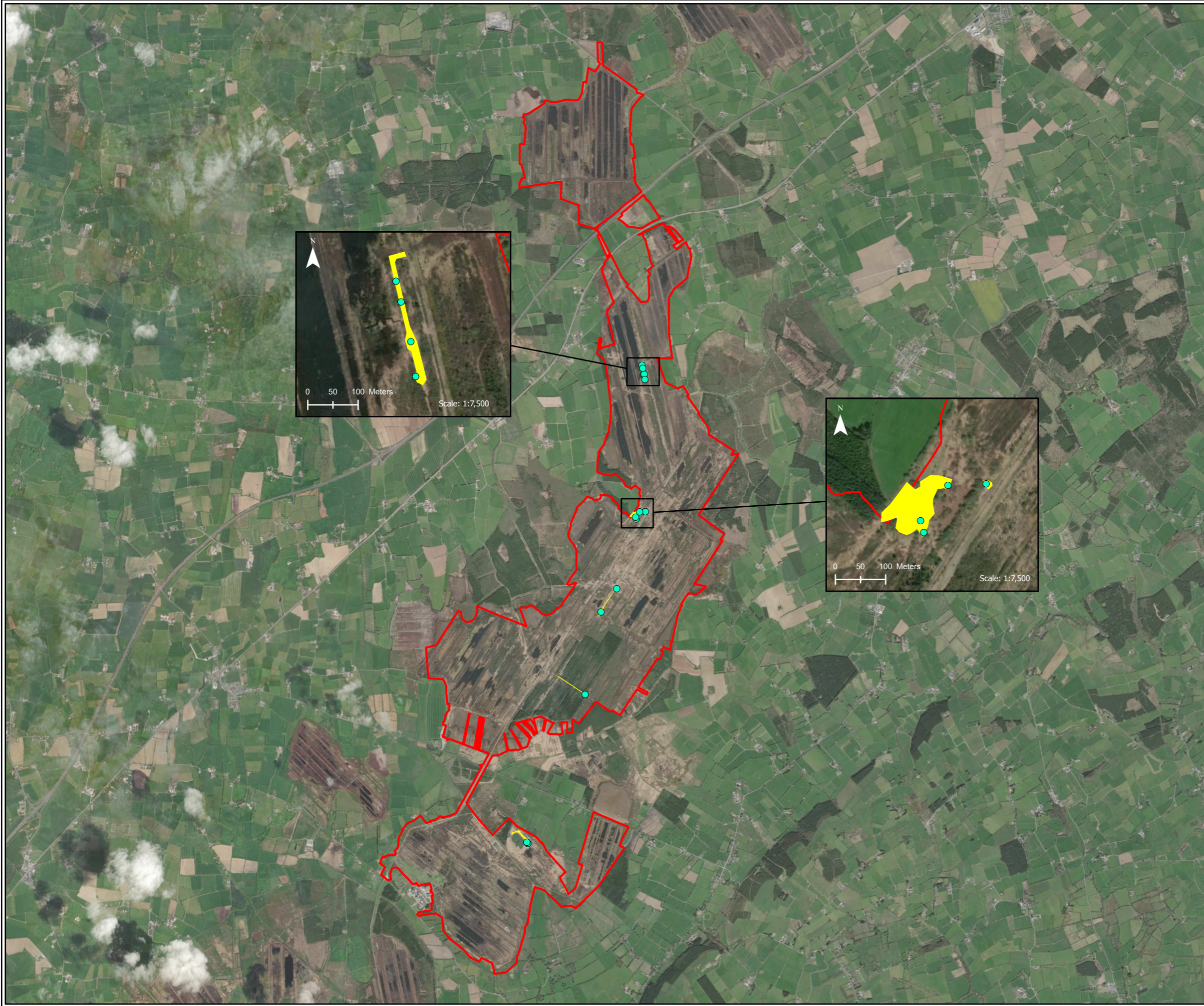




- Legend**
- Site Boundary
  - Bat Detector Locations 2025

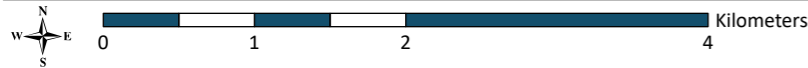
|   |                      |
|---|----------------------|
| <b>TITLE:</b><br>Static Detector Deployment Locations (2025)    |                      |
| <b>PROJECT:</b><br>Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO.:</b> 6.7  |                      |
| <b>CLIENT:</b> Bord na Móna Energy Limited                      |                      |
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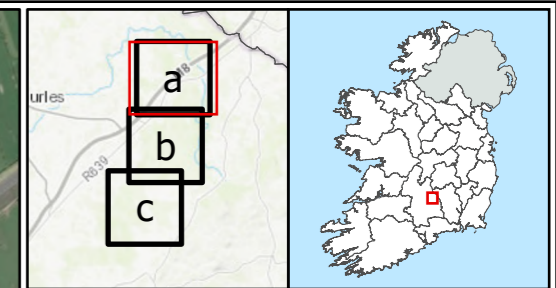
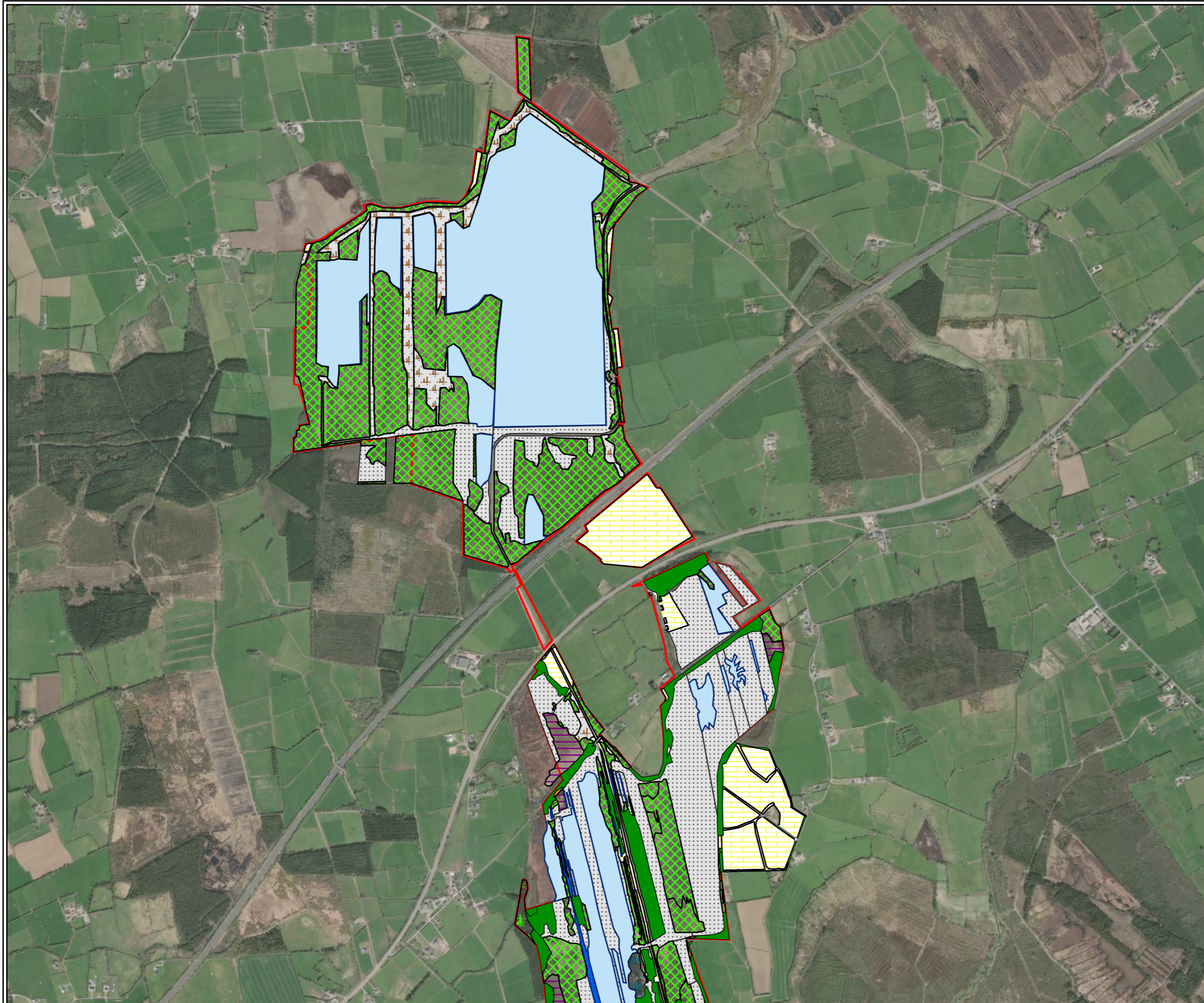




- Legend**
- Site Boundary
  - Marsh Fritillary Suitable Habitat
  - Marsh Fritillary Larval Web Locations

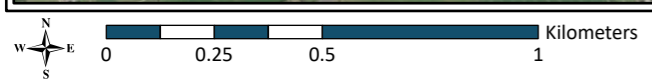
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|--------------------|--|-------------------|----|
| <b>TITLE:</b>      | Marsh Fritillary Larval Web Locations (2025) |                   |    |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                   |    |
| <b>FIGURE NO.:</b> | 6.8  |                   |    |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                   |    |
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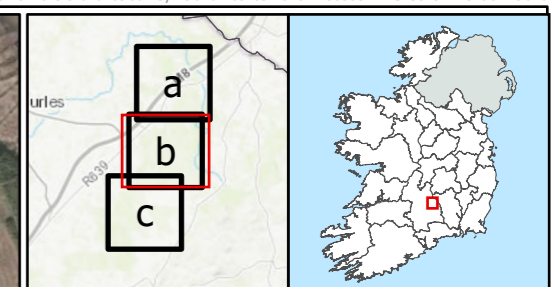
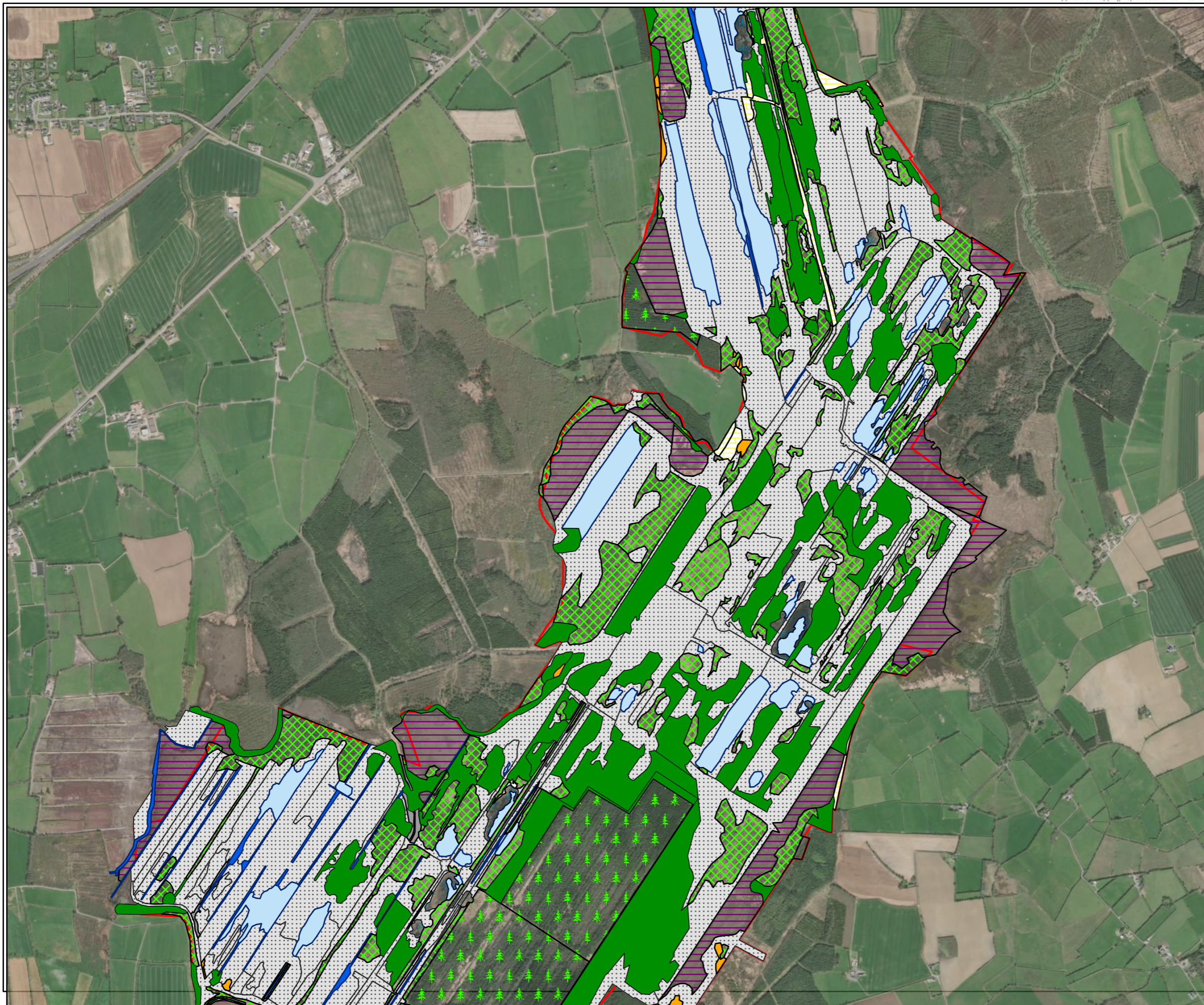




- Legend**
- Site Boundary
  - bare peat
  - bog
  - built
  - conifer plantation
  - grassland or agriculture
  - gravel sub soil
  - heather
  - open water
  - pioneer open cutaway habitats
  - riparian
  - scrub
  - wetlands
  - woodland

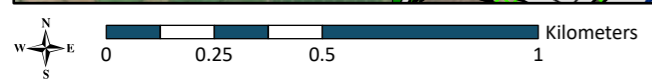
|                    |  |                   |    |
|--------------------|--|-------------------|----|
| <b>TITLE:</b>      | Habitat Map of Longford Pass Bog             |                   |    |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                   |    |
| <b>FIGURE NO.:</b> | 6.9.a  |                   |    |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                   |    |
| <b>SCALE:</b>      | 1:17,500                                     | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>       | 29/05/2026                                   | <b>PAGE SIZE:</b> | A3 |

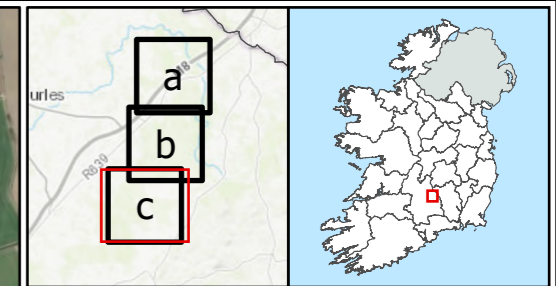
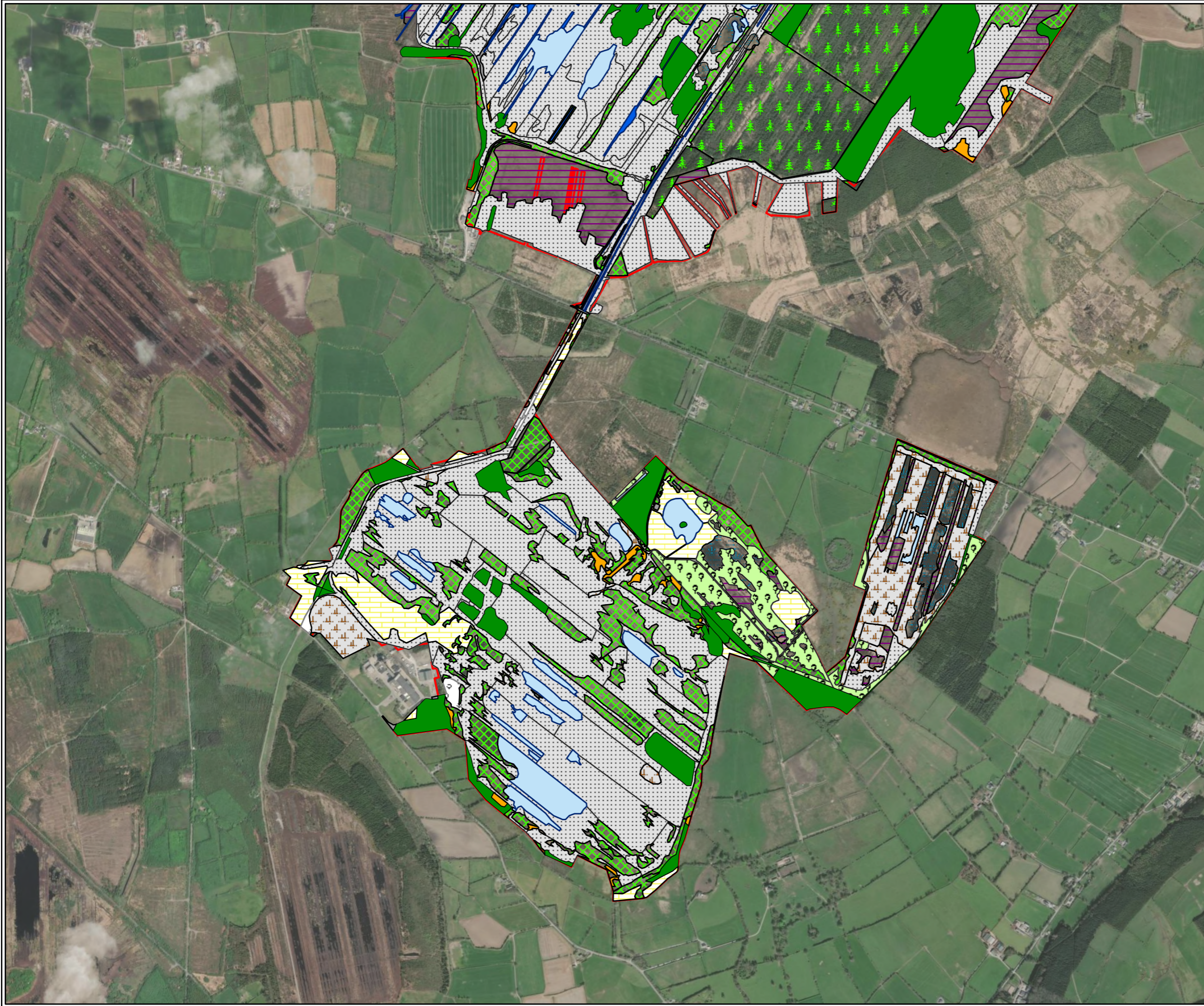




- Legend**
- Site Boundary
  - bare peat
  - bog
  - built
  - conifer plantation
  - grassland or agriculture
  - heather
  - open water
  - pioneer open cutaway habitats
  - riparian
  - scrub
  - wetlands
  - woodland

|                    |  |                   |    |
|--------------------|--|-------------------|----|
| <b>TITLE:</b>      | Habitat Map of Littleton Bog                 |                   |    |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                   |    |
| <b>FIGURE NO.:</b> | 6.9.b  |                   |    |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                   |    |
| <b>SCALE:</b>      | 1:17,500                                     | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>       | 29/05/2026                                   | <b>PAGE SIZE:</b> | A3 |

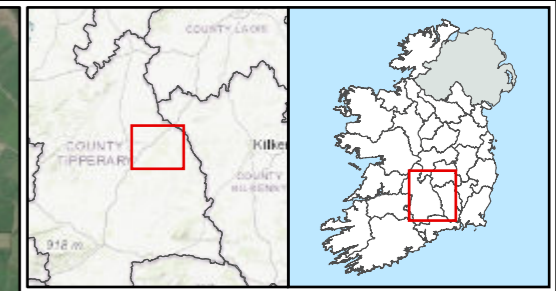




- Legend**
-  Site Boundary
  -  bare peat
  -  bog
  -  built
  -  conifer plantation
  -  grassland or agriculture
  -  gravel sub soil
  -  heather
  -  open water
  -  pioneer open cutaway habitats
  -  riparian
  -  scrub
  -  scrub & grassland
  -  wetlands
  -  woodland

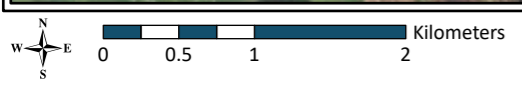
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|--------------------|---|-------------------|----|
| <b>TITLE:</b>      | Habitat Map of<br>Derryvella and Lanespark Bogs |                   |    |
| <b>PROJECT:</b>    | Littleton Peat Extraction<br>Substitute Consent |                   |    |
| <b>FIGURE NO.:</b> | 6.9.c   |                   |    |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                     |                   |    |
| <b>SCALE:</b>      | 1:17,500  | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>       | 29/05/2026                                      | <b>PAGE SIZE:</b> | A3 |

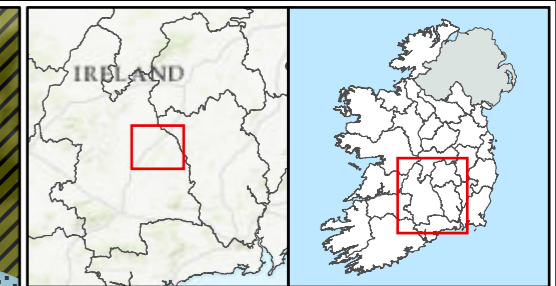
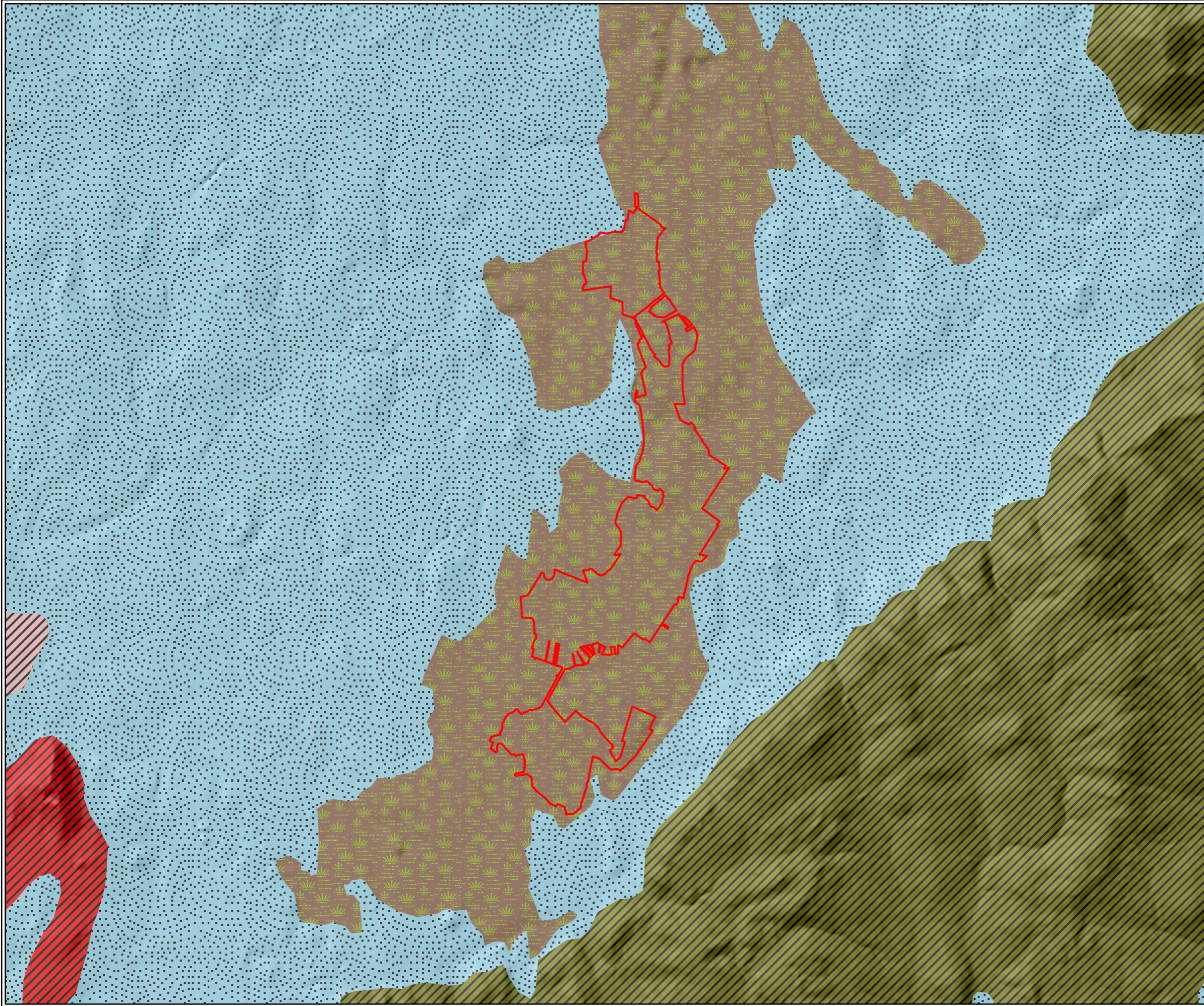










**Legend**  
 Site Boundary

|                   |   |                   |    |
|-------------------|---|-------------------|----|
| <b>TITLE:</b>     | Site Location                                   |                   |    |
| <b>PROJECT:</b>   | Littleton Peat Extraction<br>Substitute Consent |                   |    |
| <b>FIGURE NO:</b> | 7.1   |                   |    |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                     |                   |    |
| <b>SCALE:</b>     | 1:50,000  | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>      | 07/05/2026                                      | <b>PAGE SIZE:</b> | A3 |

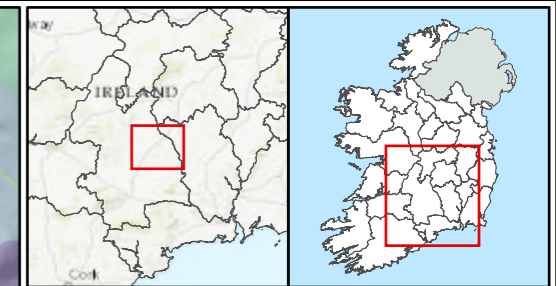
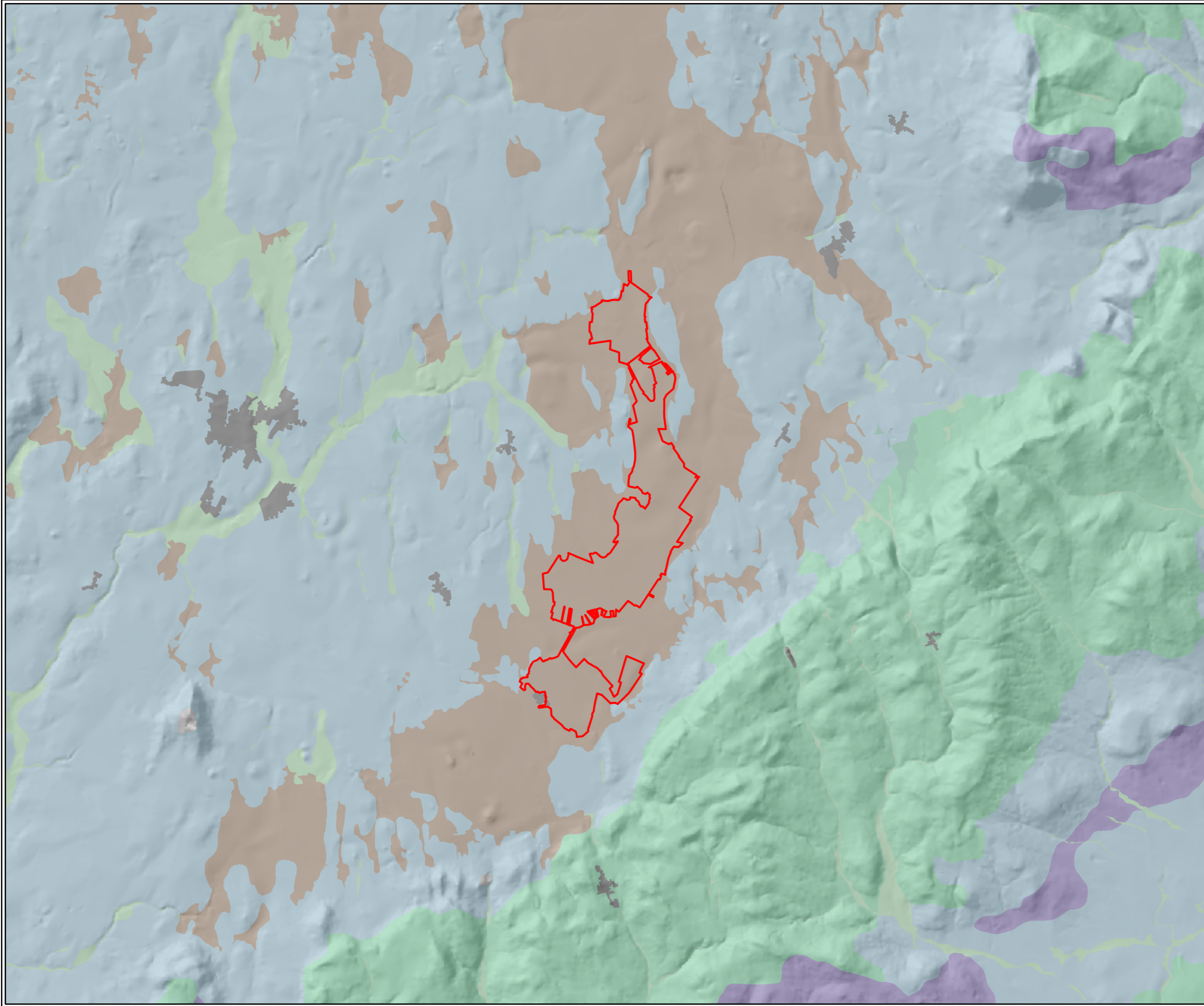













- Legend**
-  Site Boundary
  -  Mountain streamlined rounded
  -  Mountain streamlined plateau
  -  Hill to rolling lowland rounded streamlined bedrock
  -  Flat to gently undulating glacial sediments
  -  Bog - raised

|                   |  |                      |
|-------------------|--|----------------------|
| <b>TITLE:</b>     | Physiographic Mapping                        |                      |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO:</b> | 7.2  |                      |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>     | 1:75,000                                     | <b>REVISION:</b> 0   |
| <b>DATE:</b>      | 07/05/2026                                   | <b>PAGE SIZE:</b> A3 |



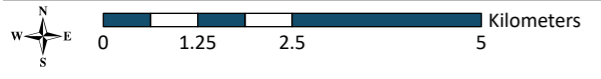


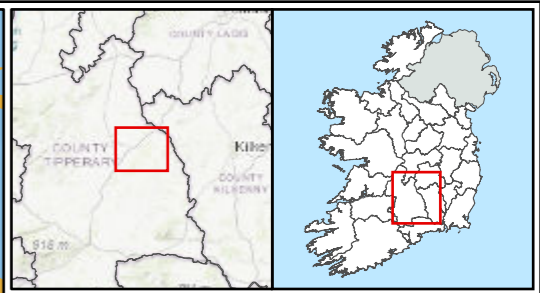
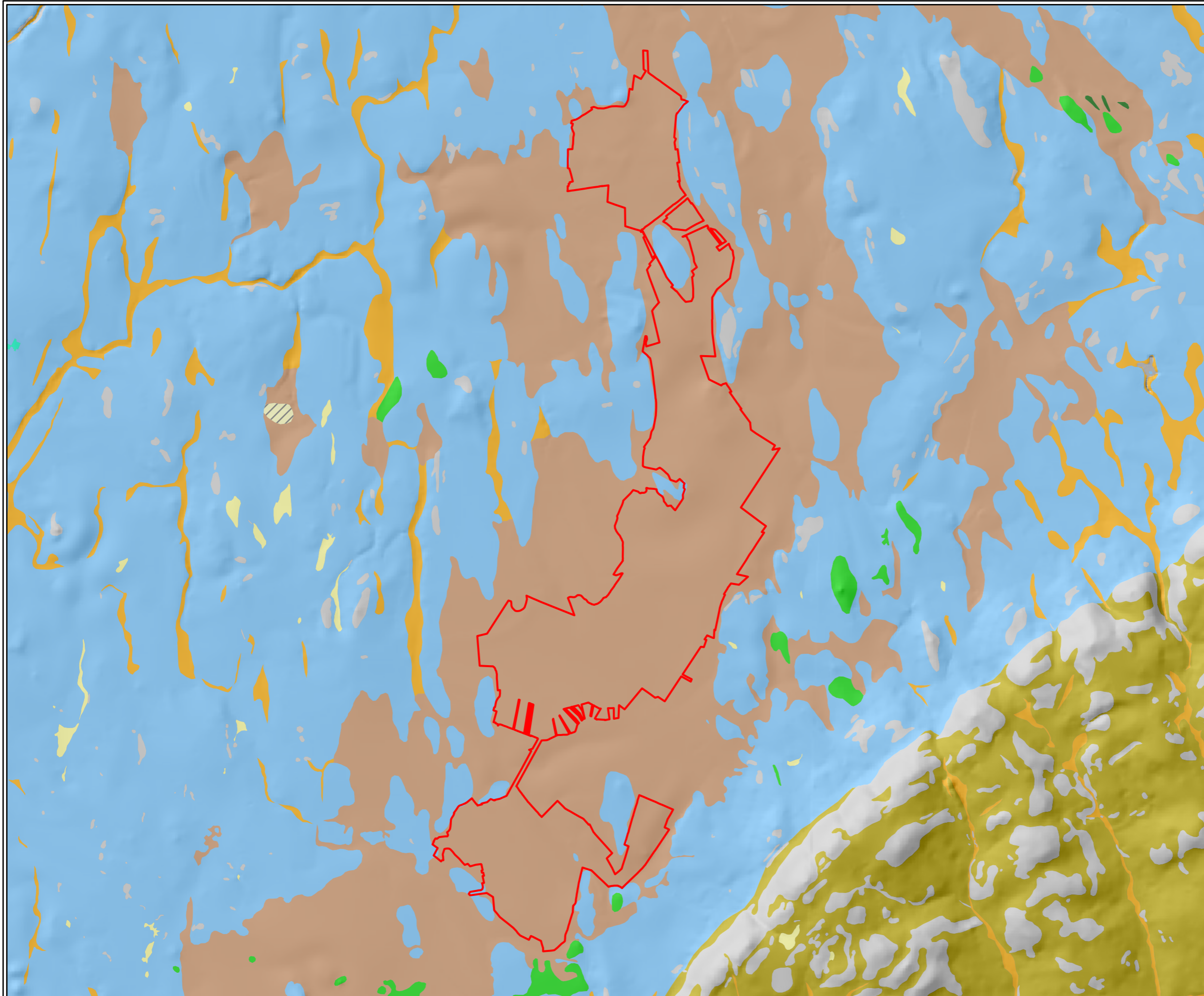
**Legend**

-  Site Boundary
-  Fine loamy drift with limestones
-  Fine loamy drift with siliceous stones
-  Fine loamy drift with siliceous stones
-  Lake alluvium
-  Peat
-  River alluvium
-  Rock
-  Urban

|                    |  |                      |
|--------------------|--|----------------------|
| <b>TITLE:</b>      | Teagasc Soils                                |                      |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO.:</b> | 7.3  |                      |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>      | 1:100,000                                    | <b>REVISION:</b> 0   |
| <b>DATE:</b>       | 07/05/2026                                   | <b>PAGE SIZE:</b> A3 |

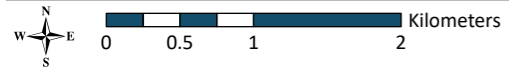
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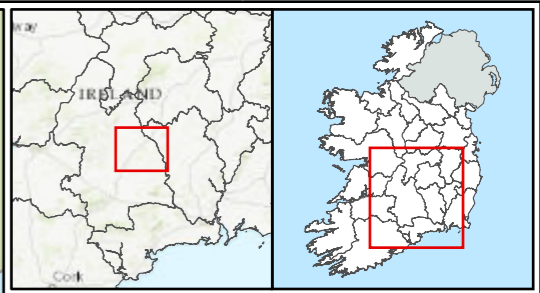
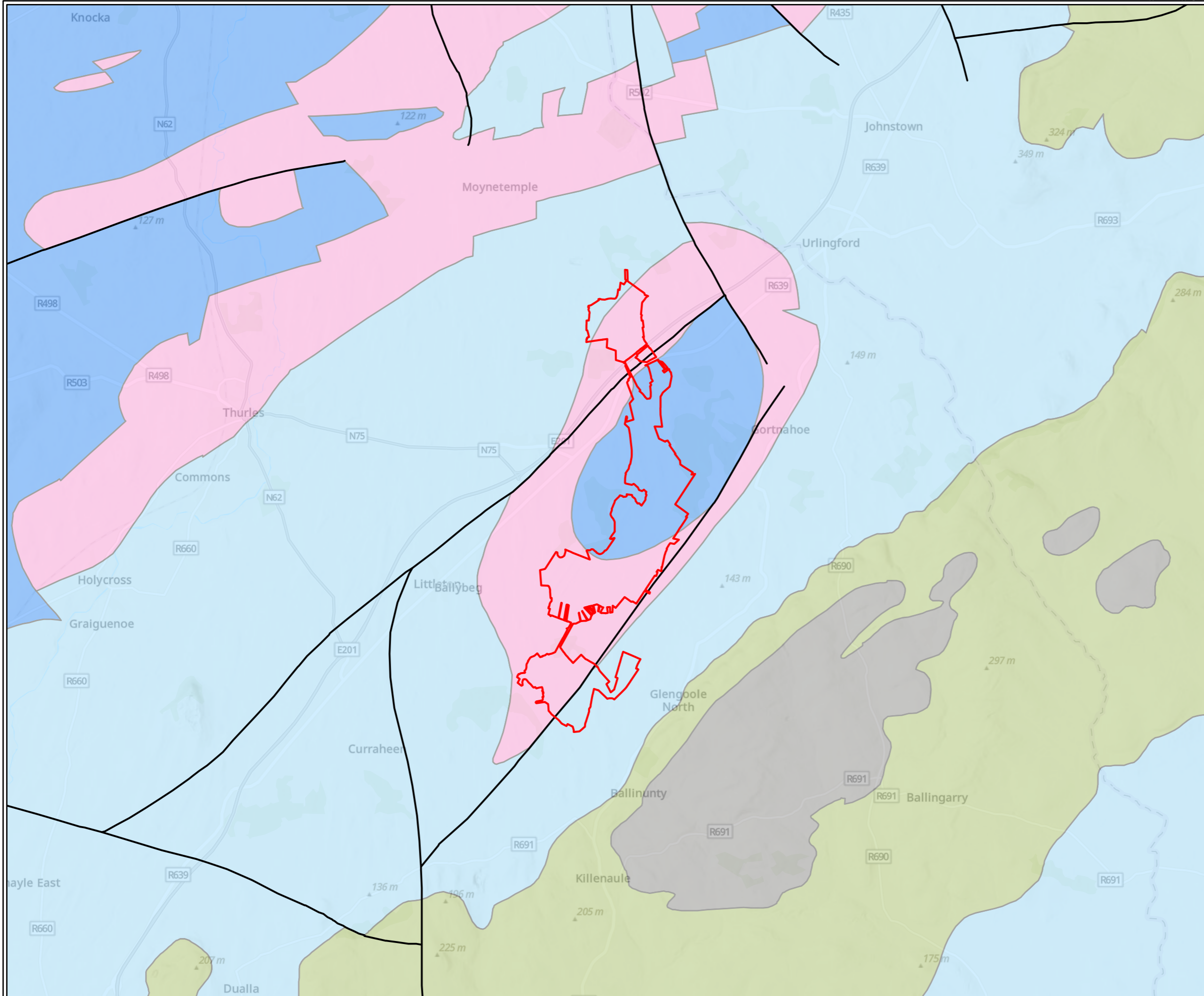




- Legend**
- Site Boundary
  - A, Alluvium
  - BasEsk, Eskers comprised of gravels of basic reaction
  - Cut, Cut over raised peat
  - FenPt, Fen Peat
  - GLs, Gravels derived from Limestones
  - GNSs, Gravels derived from Namurian sandstones and shales
  - L, Lacustrine sediments
  - Mrl, Lake marl
  - Rck, Bedrock outcrop or subcrop
  - TLs, Till derived from limestones
  - TNSSs, Till derived from Namurian sandstones and shales
  - Urban
  - Water

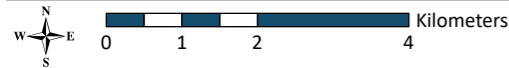
|                   |  |                   |    |
|-------------------|--|-------------------|----|
| <b>TITLE:</b>     | Quaternary Geology                           |                   |    |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent |                   |    |
| <b>FIGURE NO:</b> | 7.4  |                   |    |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                  |                   |    |
| <b>SCALE:</b>     | 1:51,290                                     | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>      | 07/05/2026                                   | <b>PAGE SIZE:</b> | A3 |

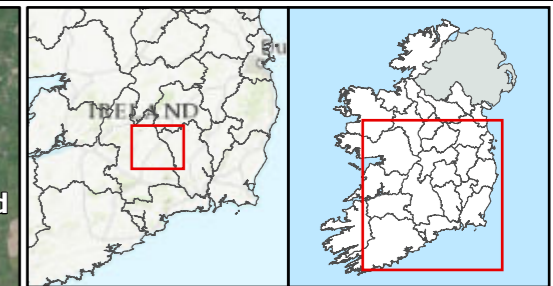




- Legend**
- Site Boundary
  - Faults
  - 61, Marine shelf & ramp facies; Argillaceous dark-grey bioclastic limestone, subsidiary shale
  - 62, Waulsortian mudbank; Pale-grey massive limestone
  - 64, Marine shelf facies; Limestone & calcareous shale
  - 71, Fluvio-deltaic & basinal marine (Turbiditic); Shale, sandstone, siltstone & coal
  - 72, Fluvio-deltaic & shallow marine; Shale, sandstone & siltstone with coal

|                    |  |                   |    |
|--------------------|--|-------------------|----|
| <b>TITLE:</b>      | Bedrock Geology                              |                   |    |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                   |    |
| <b>FIGURE NO.:</b> | 7.5  |                   |    |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                   |    |
| <b>SCALE:</b>      | 1:100,000                                    | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>       | 07/05/2026                                   | <b>PAGE SIZE:</b> | A3 |

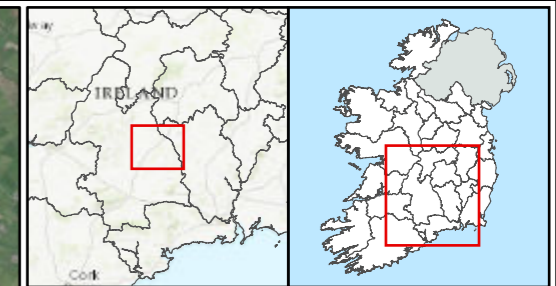




- Legend**
- Site Boundary
  - Waste Facilities
  - Industrial Emission Licences (IEL) Sites
  - Integration Pollution Control (IPC) Sites

|                   |  |                      |
|-------------------|--|----------------------|
| <b>TITLE:</b>     | Soil Contamination                           |                      |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO:</b> | 7.6  |                      |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>     | 1:150,000                                    | <b>REVISION:</b> 0   |
| <b>DATE:</b>      | 07/05/2026                                   | <b>PAGE SIZE:</b> A3 |

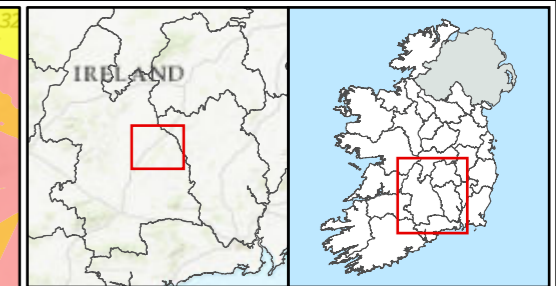
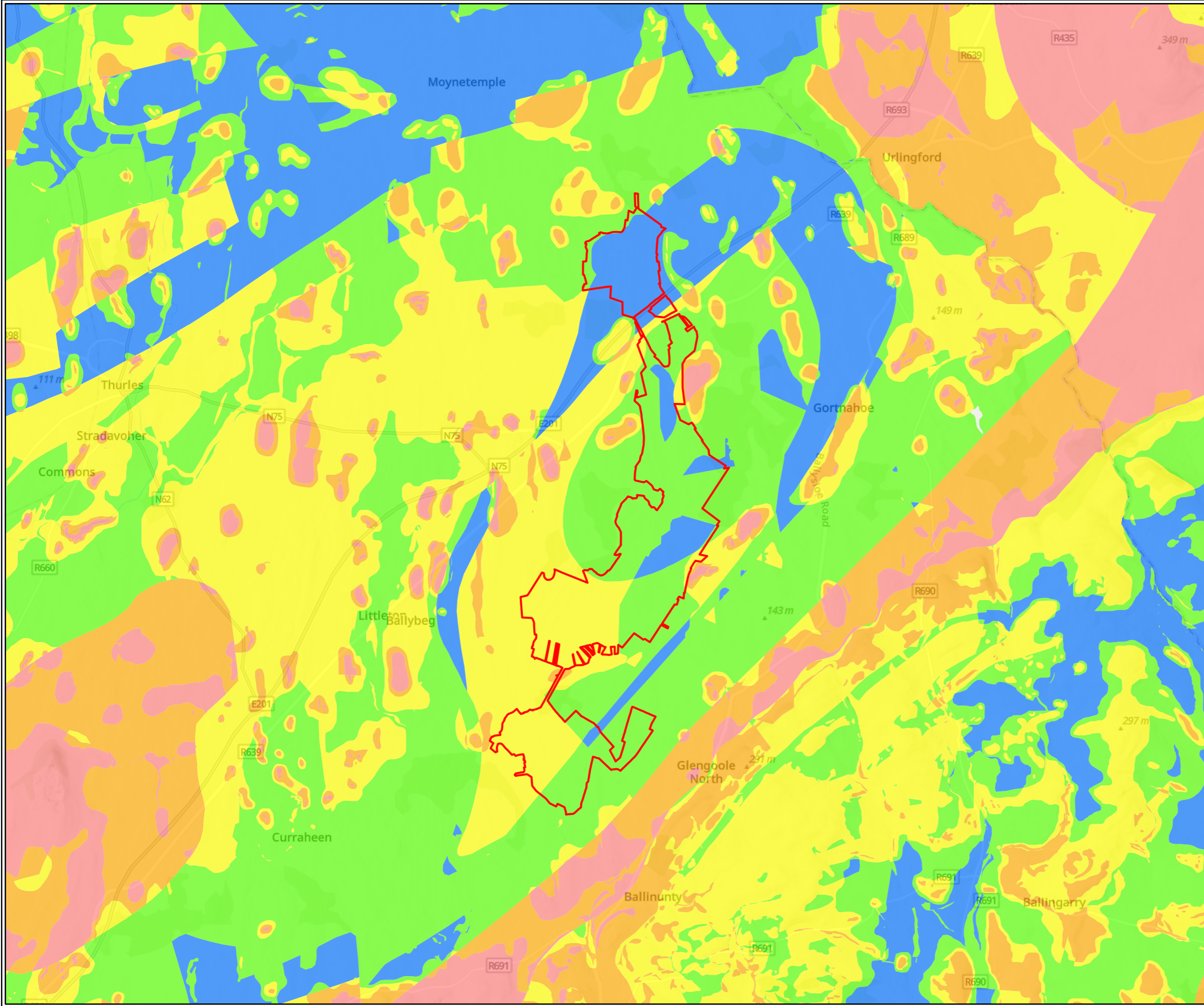




- Legend**
- Site Boundary
  - ◆ Both
  - ◆ Metallic
  - ◆ Non-metallic

|                    |  |                      |
|--------------------|--|----------------------|
| <b>TITLE:</b>      | Economic Geology                             |                      |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO.:</b> | 7.7  |                      |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>      | 1:100,000                                    | <b>REVISION:</b> 0   |
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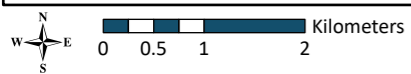


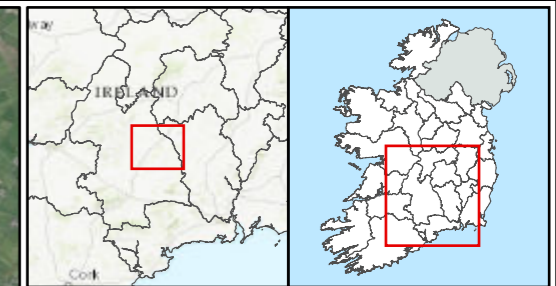
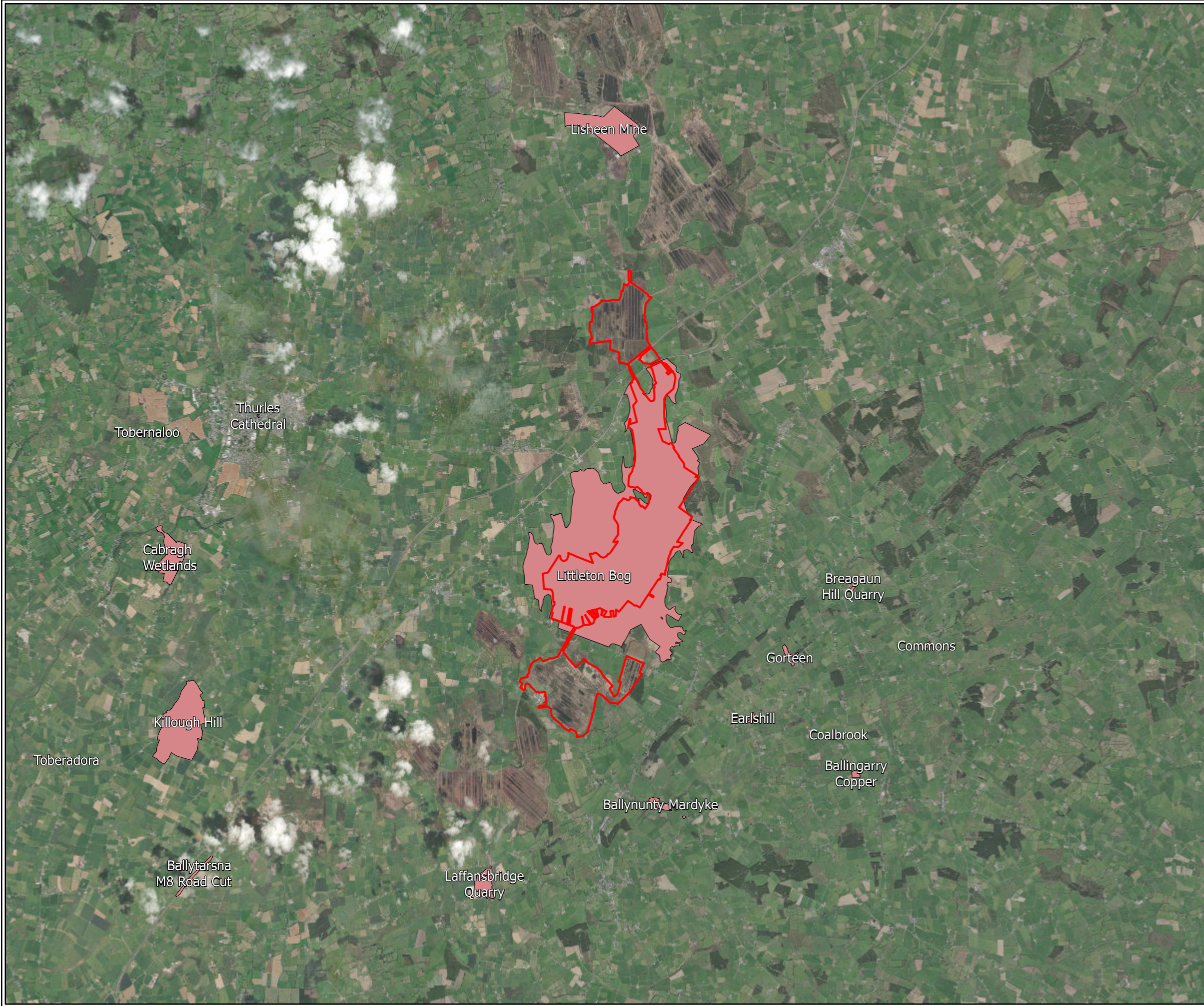


**Legend**

- Site Boundary
- Very High potential
- High potential
- Moderate potential
- Low potential
- Very Low potential

|  |                             |
|--|-----------------------------|
| <b>TITLE:</b>                                |                             |
| Crushed Rock Aggregate Potential             |                             |
| <b>PROJECT:</b>                              |                             |
| Littleton Peat Extraction Substitute Consent |                             |
| <b>FIGURE NO:</b>                            | 7.8                         |
| <b>CLIENT:</b>                               | Bord na Móna Energy Limited |
| <b>SCALE:</b>                                | 1:75,000                    |
| <b>DATE:</b>                                 | 07/05/2026                  |
| <b>REVISION:</b>                             | 0                           |
| <b>PAGE SIZE:</b>                            | A3                          |





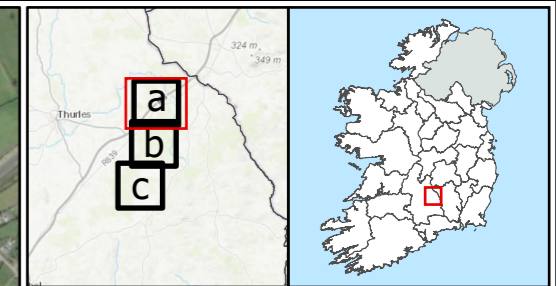
**Legend**

- Site Boundary
- Geoheritage Audited Sites

|                   |  |                      |
|-------------------|--|----------------------|
| <b>TITLE:</b>     | Geoheritage                                  |                      |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO:</b> | 7.9  |                      |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>     | 1:100,000                                    | <b>REVISION:</b> 0   |
| <b>DATE:</b>      | 07/05/2026                                   | <b>PAGE SIZE:</b> A3 |



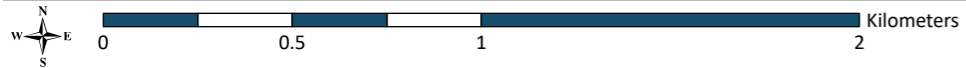
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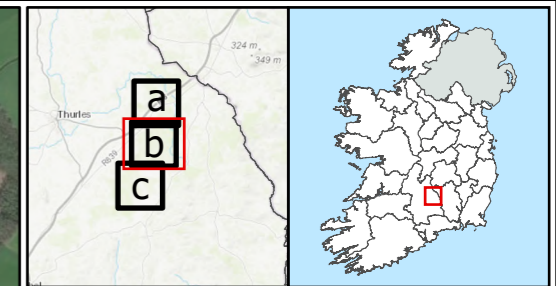


**Legend**

- Site Boundary
- Peat Probe Depth (mbgl)
  - 0.00 - 0.50
  - 0.51 - 1.30
  - 1.31 - 2.30
  - 2.31 - 3.80
  - 3.81 - 6.00

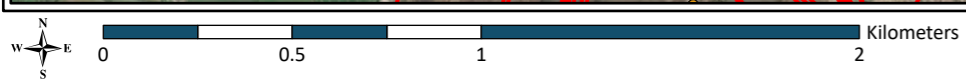
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| <b>TITLE:</b>      | Peat Depths                                  |                      |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO.:</b> | 7.10.a                                       |                      |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>      | 1:20,000                                     | <b>REVISION:</b> 0   |
| <b>DATE:</b>       | 07/05/2026                                   | <b>PAGE SIZE:</b> A3 |

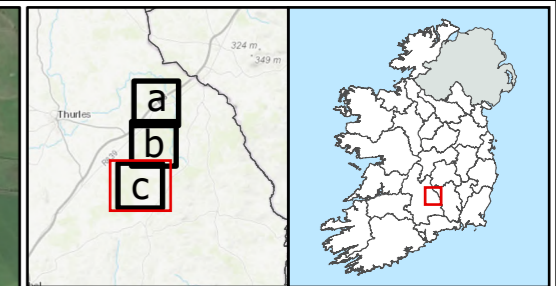




- Legend**
- Site Boundary
- Peat Probe Depth (mbgl)
- 0.00 - 0.50
  - 0.51 - 1.30
  - 1.31 - 2.30
  - 2.31 - 3.80
  - 3.81 - 6.00

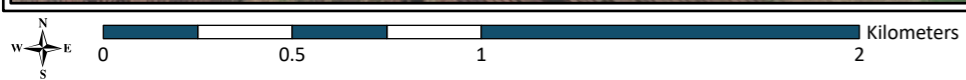
|                   |   |                      |
|-------------------|---|----------------------|
| <b>TITLE:</b>     | Peat Depths                                     |                      |
| <b>PROJECT:</b>   | Littleton Peat Extraction<br>Substitute Consent |                      |
| <b>FIGURE NO:</b> | 7.10.b  |                      |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                     |                      |
| <b>SCALE:</b>     | 1:20,000  | <b>REVISION:</b> 0   |
| <b>DATE:</b>      | 07/05/2026                                      | <b>PAGE SIZE:</b> A3 |

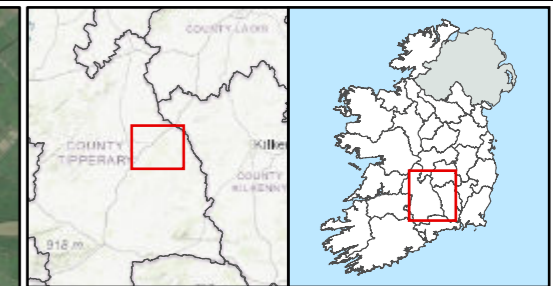




- Legend**
- Site Boundary
  - Peat Probe Depth (mbgl)
  - 0.00 - 0.50
  - 0.51 - 1.30
  - 1.31 - 2.30
  - 2.31 - 3.80
  - 3.81 - 6.00

|                    |  |                      |
|--------------------|--|----------------------|
| <b>TITLE:</b>      | Peat Depths                                  |                      |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO.:</b> | 7.10.c                                       |                      |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>      | 1:20,000                                     | <b>REVISION:</b> 0   |
| <b>DATE:</b>       | 07/05/2026                                   | <b>PAGE SIZE:</b> A3 |

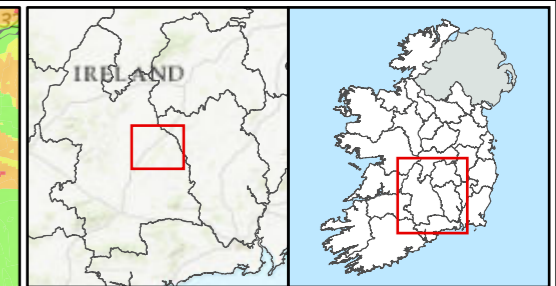
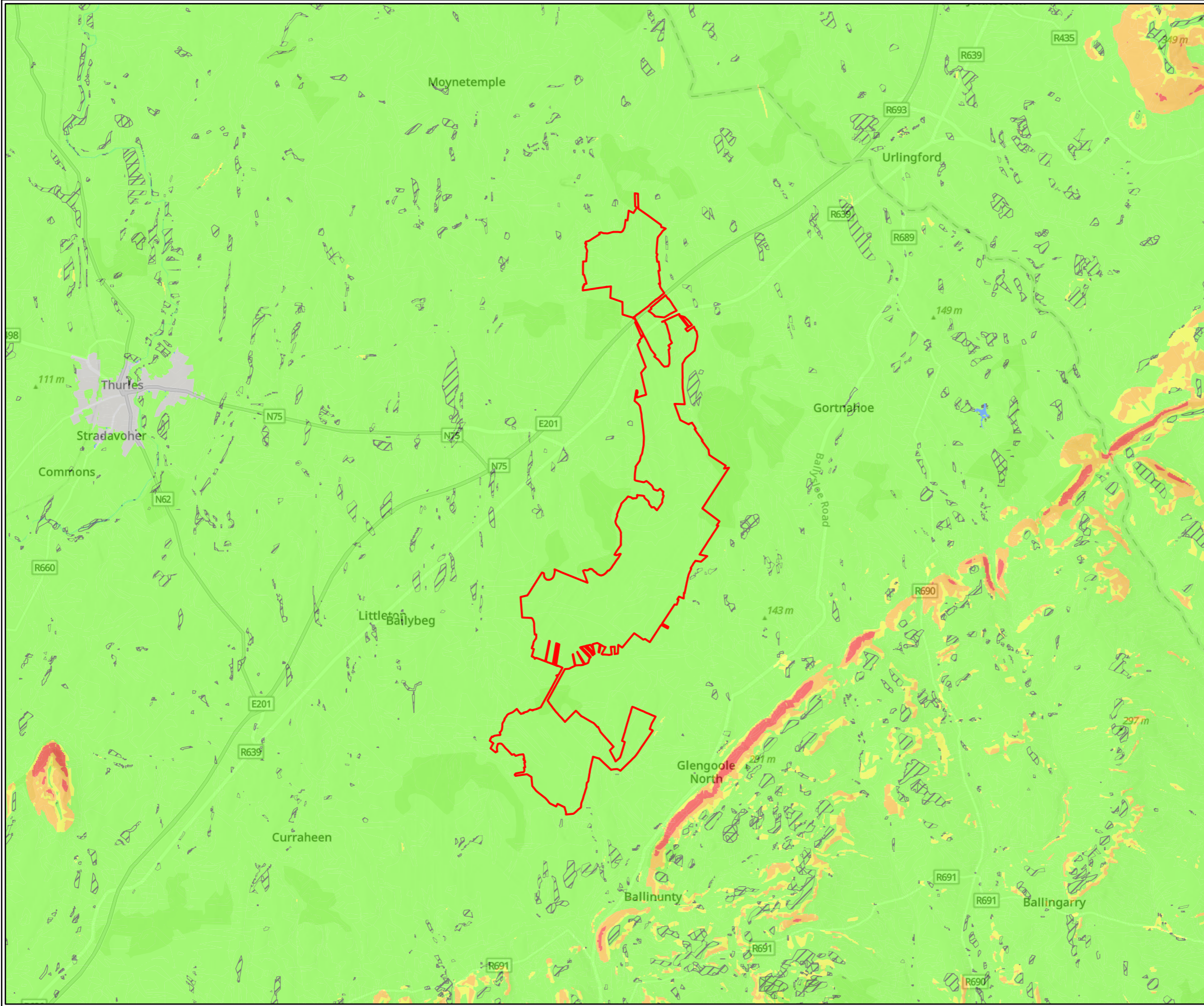




- Legend**
- Site Boundary
- Peat Depth (mbgl)
- 0.00 - 0.50
  - 0.51 - 1.10
  - 1.11 - 1.80
  - 1.81 - 2.50
  - 2.51 - 4.50

|                    |  |                   |    |
|--------------------|--|-------------------|----|
| <b>TITLE:</b>      | Ground Investigation -<br>Exploratory Hole Locations |                   |    |
| <b>PROJECT:</b>    | Littleton Peat Extraction<br>Substitute Consent      |                   |    |
| <b>FIGURE NO.:</b> | 7.11   |                   |    |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                          |                   |    |
| <b>SCALE:</b>      | 1:50,000   | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>       | 07/05/2026   | <b>PAGE SIZE:</b> | A3 |



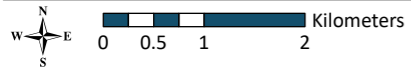


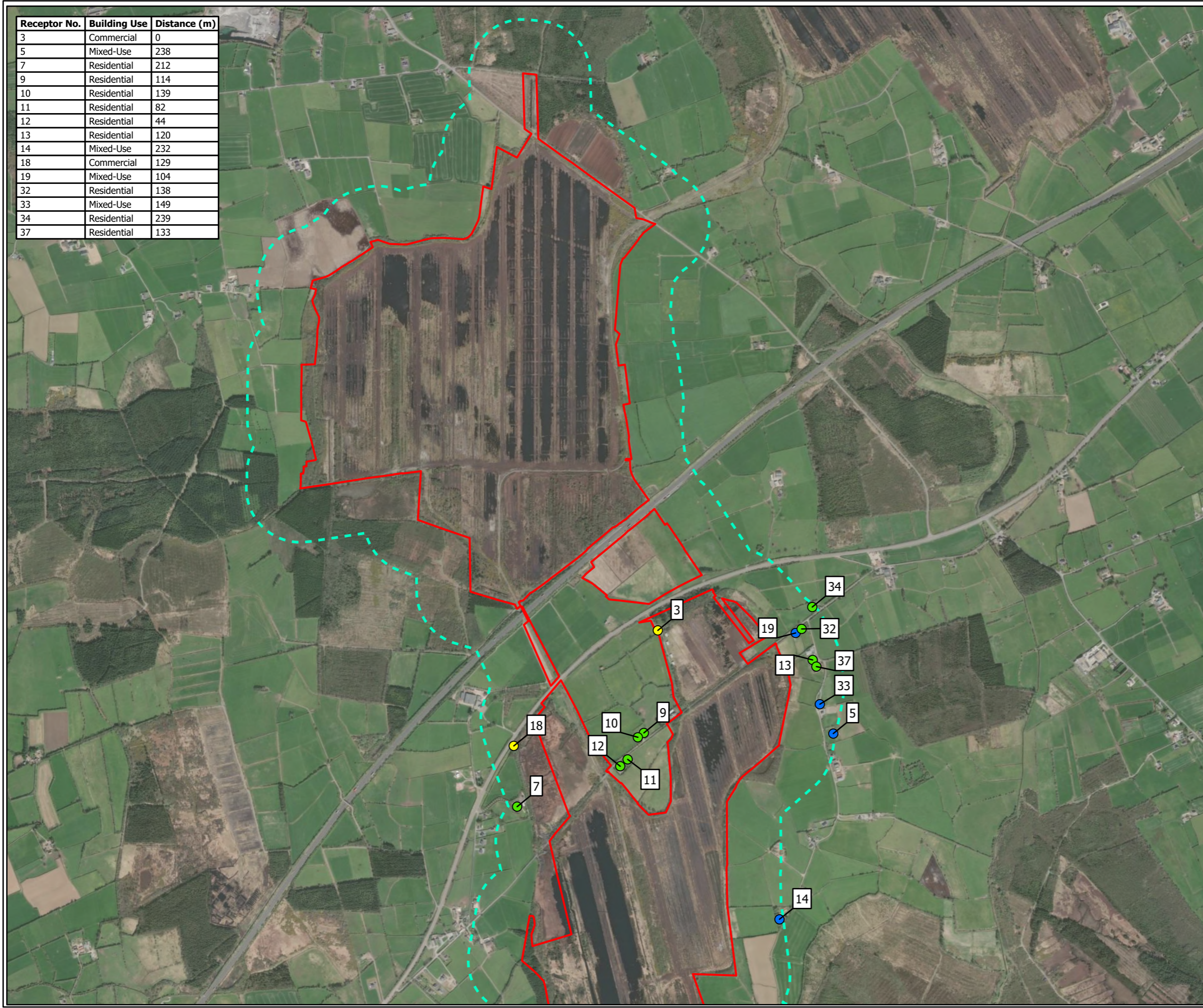
**Legend**

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

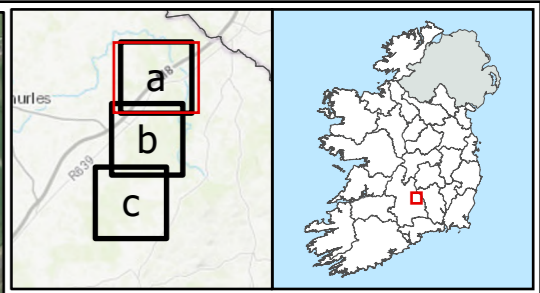
|                    |  |
|--------------------|--|
| <b>TITLE:</b>      | Landslide Susceptibility                     |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |
| <b>FIGURE NO.:</b> | 7.12   |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |
| <b>SCALE:</b>      | 1:75,000                                     |
| <b>REVISION:</b>   | 0  |
| <b>DATE:</b>       | 07/05/2026                                   |
| <b>PAGE SIZE:</b>  | A3   |

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| Receptor No. | Building Use | Distance (m) |
|--------------|--------------|--------------|
| 3            | Commercial   | 0            |
| 5            | Mixed-Use    | 238          |
| 7            | Residential  | 212          |
| 9            | Residential  | 114          |
| 10           | Residential  | 139          |
| 11           | Residential  | 82           |
| 12           | Residential  | 44           |
| 13           | Residential  | 120          |
| 14           | Mixed-Use    | 232          |
| 18           | Commercial   | 129          |
| 19           | Mixed-Use    | 104          |
| 32           | Residential  | 138          |
| 33           | Mixed-Use    | 149          |
| 34           | Residential  | 239          |
| 37           | Residential  | 133          |



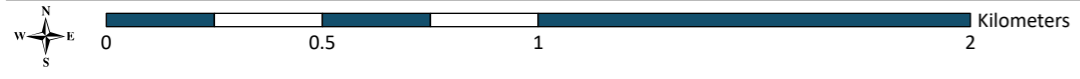
**Legend**

- Site Boundary
- 250m Study Area

**Building Use**

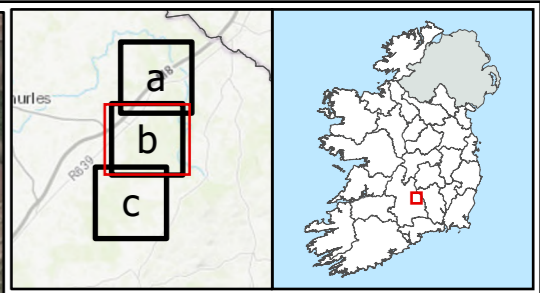
- Mixed-Use
- Commercial
- Residential

|                    |  |                      |
|--------------------|--|----------------------|
| <b>TITLE:</b>      | Air Quality Receptors and Dust Monitoring Points |                      |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent     |                      |
| <b>FIGURE NO.:</b> | 9.1.a  |                      |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                      |                      |
| <b>SCALE:</b>      | 1:17,500   | <b>REVISION:</b> 0   |
| <b>DATE:</b>       | 12/05/2026                                       | <b>PAGE SIZE:</b> A3 |





| Receptor No. | Building Use | Distance (m) |
|--------------|--------------|--------------|
| 14           | Mixed-Use    | 232          |



**Legend**

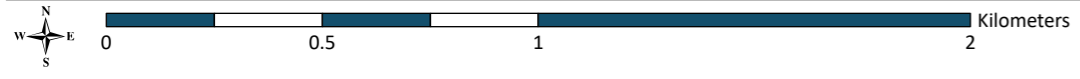
- Site Boundary
- 250m Study Area

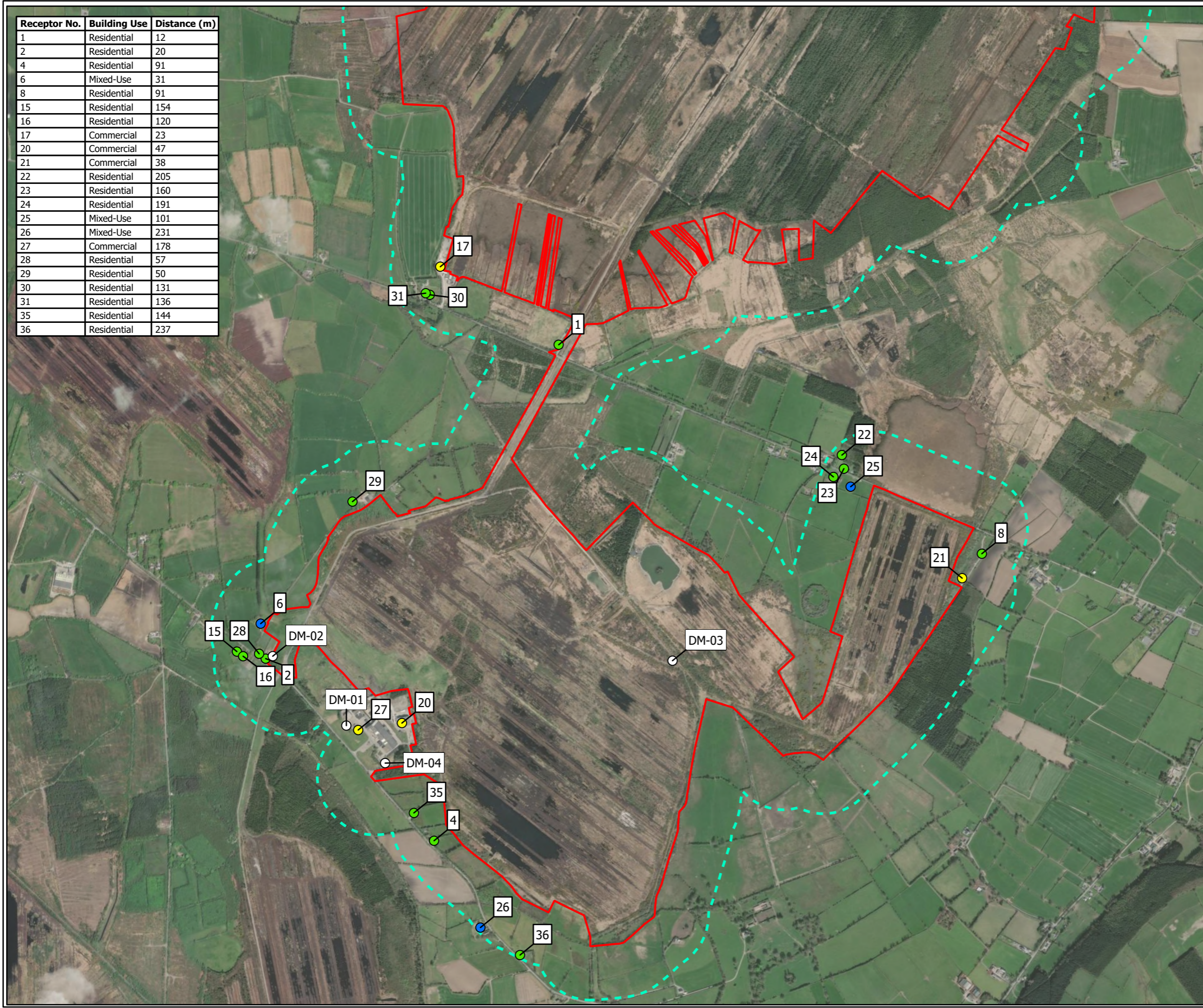
**Building Use**

- Mixed-Use

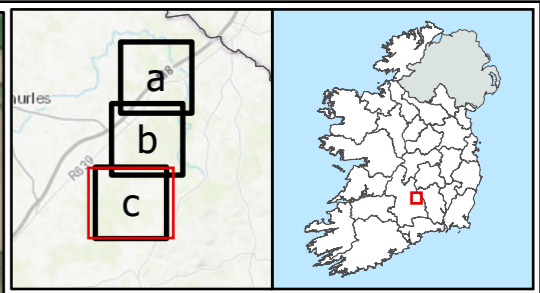
|                    |  |                   |    |
|--------------------|--|-------------------|----|
| <b>TITLE:</b>      | Air Quality Receptors and Dust Monitoring Points |                   |    |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent     |                   |    |
| <b>FIGURE NO.:</b> | 9.1.b  |                   |    |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                      |                   |    |
| <b>SCALE:</b>      | 1:17,500   | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>       | 12/05/2026                                       | <b>PAGE SIZE:</b> | A3 |

**FEHILY TIMONEY** Cork | Dublin | Carlow  
[www.fehilytimoney.ie](http://www.fehilytimoney.ie)





| Receptor No. | Building Use | Distance (m) |
|--------------|--------------|--------------|
| 1            | Residential  | 12           |
| 2            | Residential  | 20           |
| 4            | Residential  | 91           |
| 6            | Mixed-Use    | 31           |
| 8            | Residential  | 91           |
| 15           | Residential  | 154          |
| 16           | Residential  | 120          |
| 17           | Commercial   | 23           |
| 20           | Commercial   | 47           |
| 21           | Commercial   | 38           |
| 22           | Residential  | 205          |
| 23           | Residential  | 160          |
| 24           | Residential  | 191          |
| 25           | Mixed-Use    | 101          |
| 26           | Mixed-Use    | 231          |
| 27           | Commercial   | 178          |
| 28           | Residential  | 57           |
| 29           | Residential  | 50           |
| 30           | Residential  | 131          |
| 31           | Residential  | 136          |
| 35           | Residential  | 144          |
| 36           | Residential  | 237          |



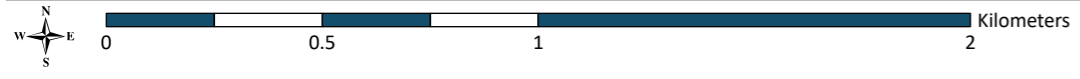
**Legend**

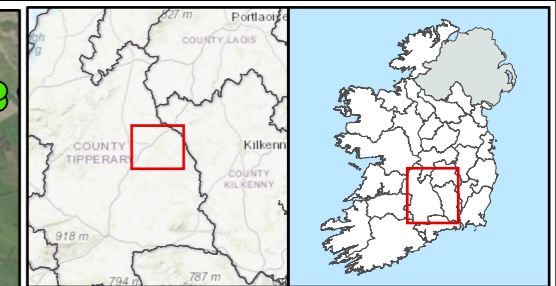
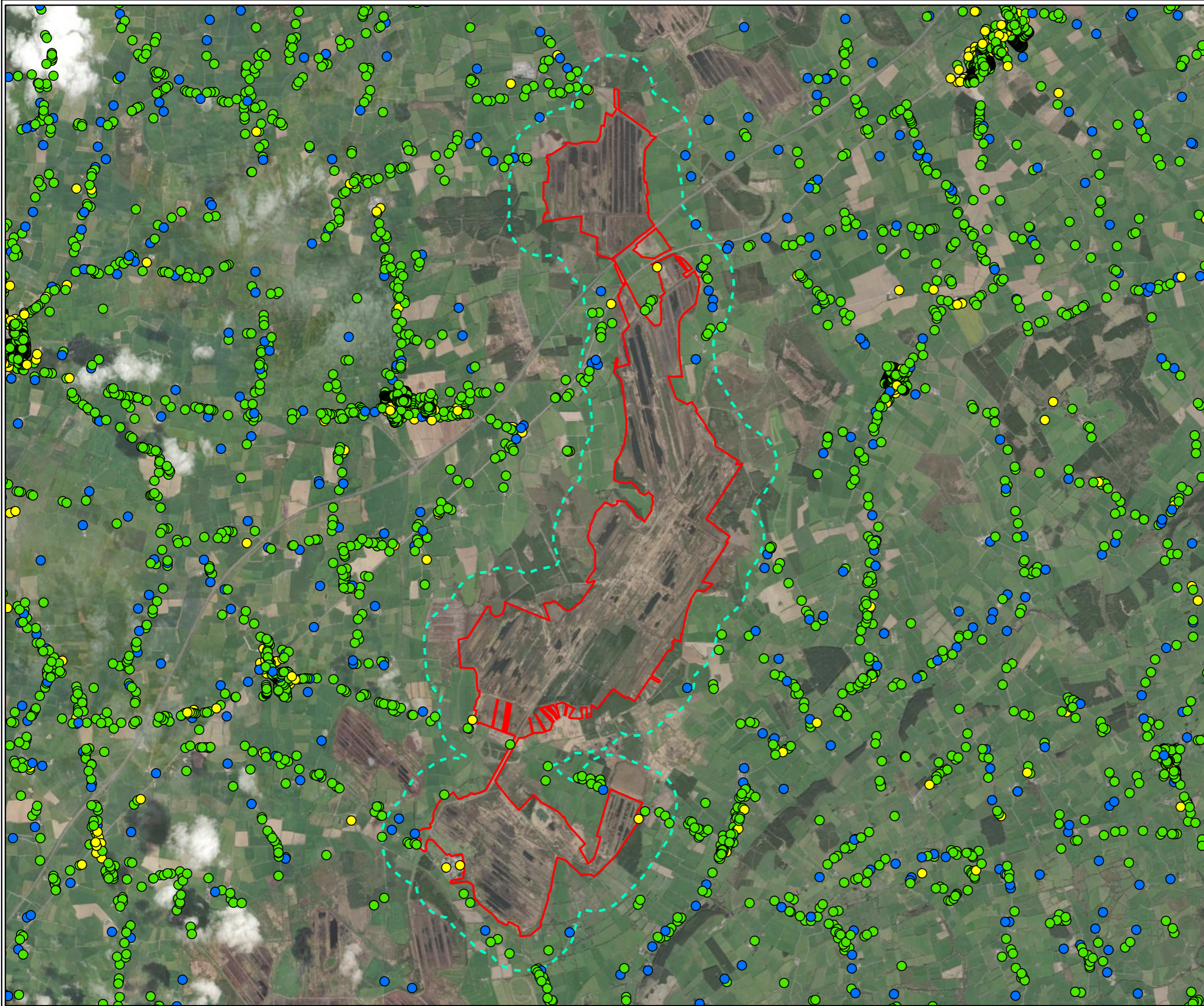
- Site Boundary
- 250m Study Area
- Dust Monitor

**Building Use**

- Mixed-Use
- Commercial
- Residential

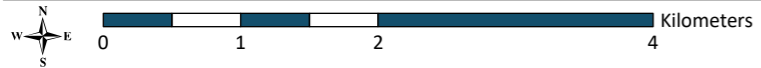
|                    |  |                      |
|--------------------|--|----------------------|
| <b>TITLE:</b>      | Air Quality Receptors and Dust Monitoring Points |                      |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent     |                      |
| <b>FIGURE NO.:</b> | 9.1.c  |                      |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                      |                      |
| <b>SCALE:</b>      | 1:17,500   | <b>REVISION:</b> 0   |
| <b>DATE:</b>       | 12/05/2026                                       | <b>PAGE SIZE:</b> A3 |

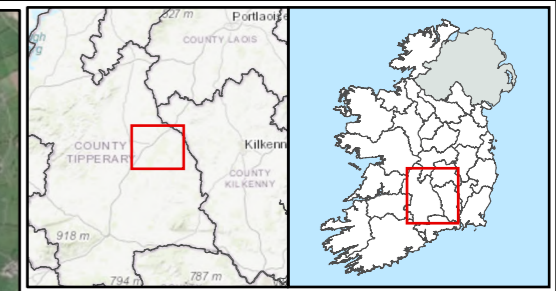






- Legend**
- Site Boundary
  - 500m
  - Building Use**
    - Commercial
    - Residential
    - Mixed-Use

|                    |   |                   |    |
|--------------------|---|-------------------|----|
| <b>TITLE:</b>      | Noise Sensitive Locations within 500m of the Site |                   |    |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent      |                   |    |
| <b>FIGURE NO.:</b> | 10.1  |                   |    |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                       |                   |    |
| <b>SCALE:</b>      | 1:55,000  | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>       | 07/05/2026  | <b>PAGE SIZE:</b> | A3 |

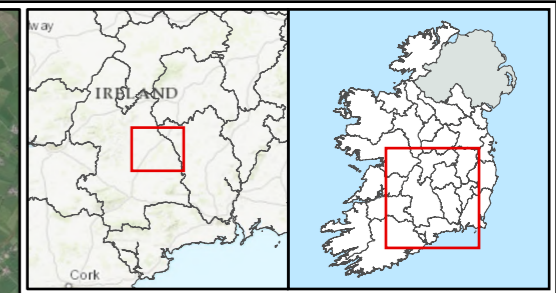






- Legend**
-  Site Boundary
  -  Noise Monitoring Locations

|                    |  |                      |
|--------------------|--|----------------------|
| <b>TITLE:</b>      | Noise Monitoring Locations                   |                      |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO.:</b> | 10.2   |                      |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>      | 1:55,000                                     | <b>REVISION:</b> 0   |
| <b>DATE:</b>       | 07/05/2026                                   | <b>PAGE SIZE:</b> A3 |

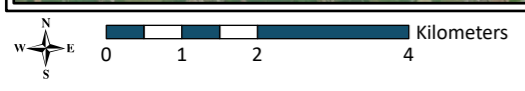


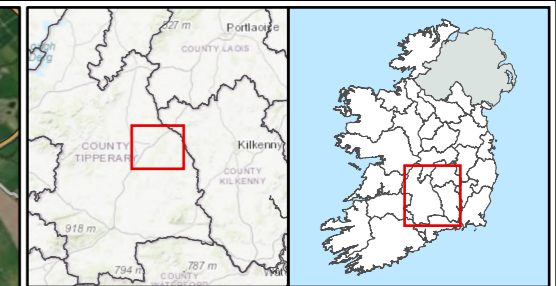
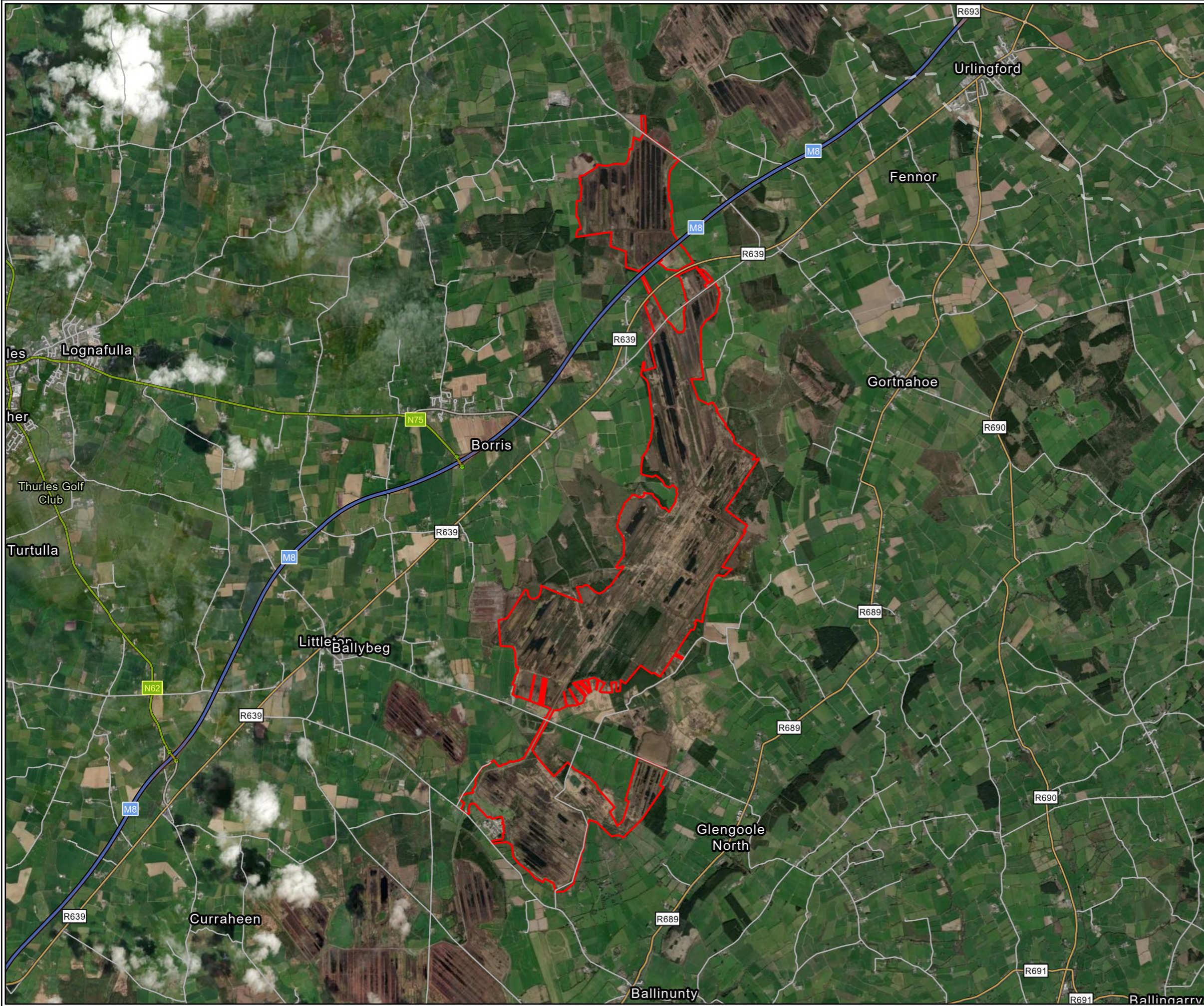


**Legend**


-  Site Boundary
-  5km

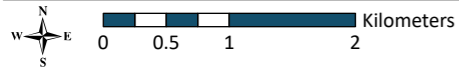
|                   |  |                   |    |
|-------------------|--|-------------------|----|
| <b>TITLE:</b>     | LVIA Study Area                              |                   |    |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent |                   |    |
| <b>FIGURE NO:</b> | 11.1   |                   |    |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                  |                   |    |
| <b>SCALE:</b>     | 1:100,000                                    | <b>REVISION:</b>  | 0  |
| <b>DATE:</b>      | 12/05/2026                                   | <b>PAGE SIZE:</b> | A3 |

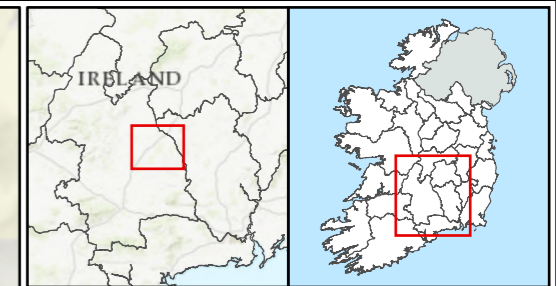
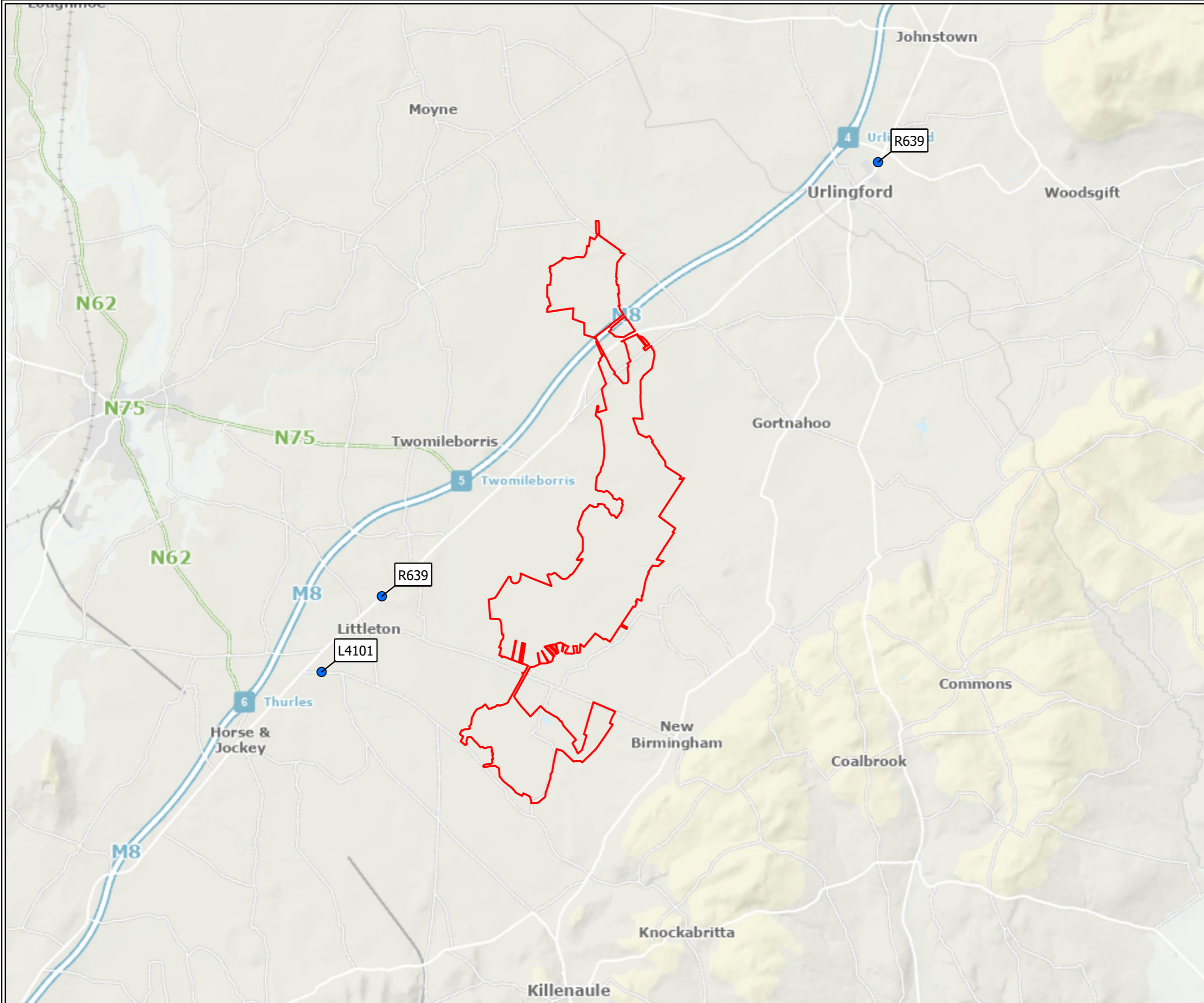




- Legend**
- Site Boundary
  - Motorways
  - Regional Roads
  - National Roads
  - Local Roads

|  |                      |
|--|----------------------|
| <b>TITLE:</b>  |                      |
| Development and Transport Network  |                      |
| <b>PROJECT:</b>  |                      |
| Littleton Peat Extraction Substitute Consent   |                      |
| <b>FIGURE NO:</b> 13.1   |                      |
| <b>CLIENT:</b> Bord na Móna Energy Limited   |                      |
| <b>SCALE:</b> 1:60,000   | <b>REVISION:</b> 0   |
| <b>DATE:</b> 07/05/2026  | <b>PAGE SIZE:</b> A3 |
|  <span style="float: right;">Cork   Dublin   Carlow<br/><a href="http://www.fehilytimoney.ie">www.fehilytimoney.ie</a></span> |                      |

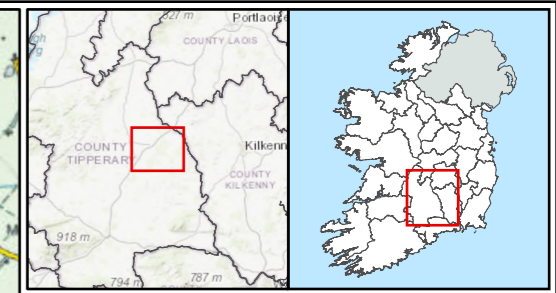
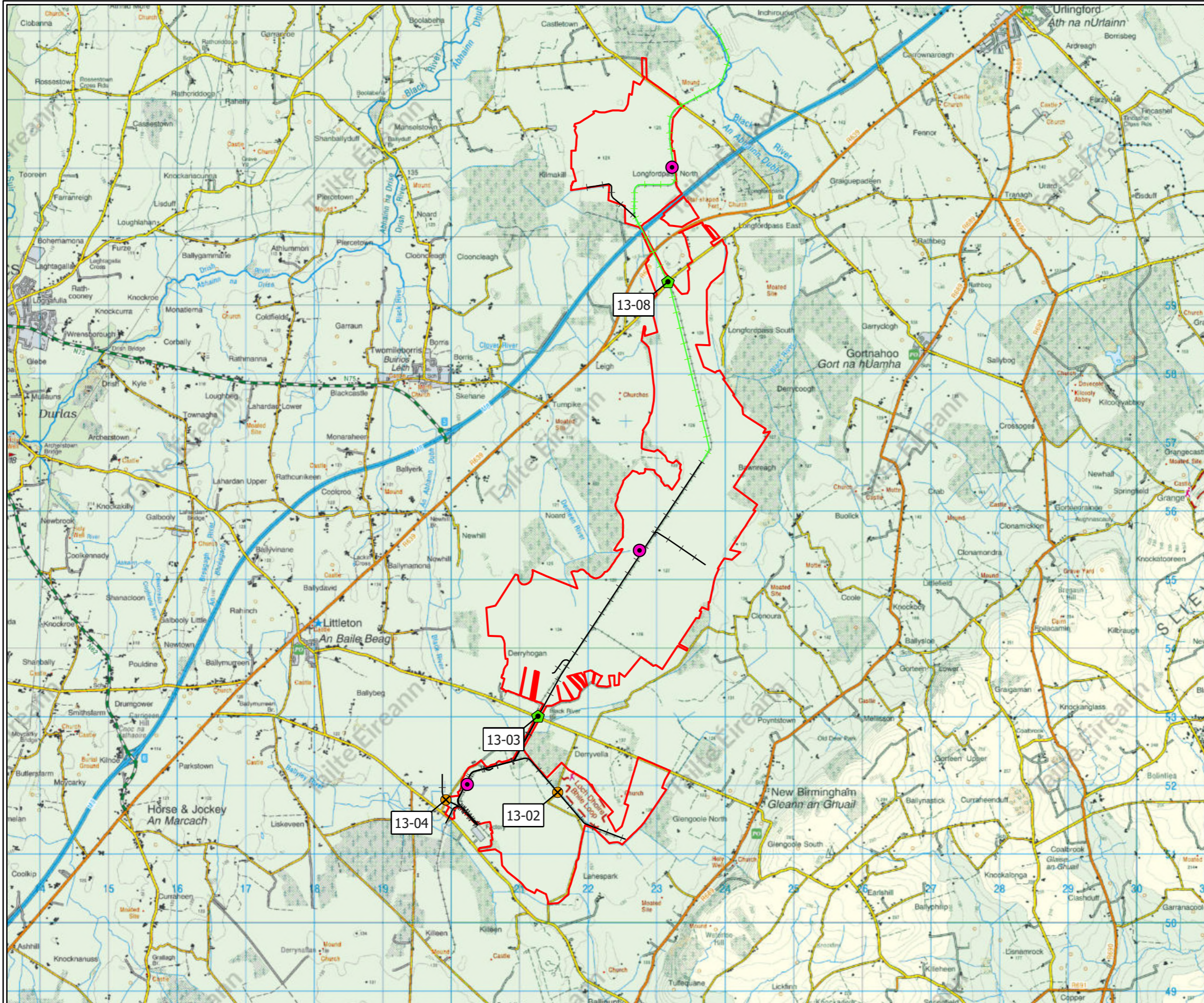




- Legend**
- Site Boundary
  - Traffic Counter Locations

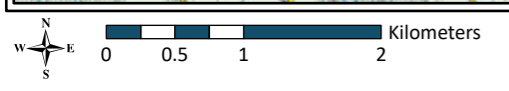
|                    |  |                      |
|--------------------|--|----------------------|
| <b>TITLE:</b>      | Traffic Count Locations                      |                      |
| <b>PROJECT:</b>    | Littleton Peat Extraction Substitute Consent |                      |
| <b>FIGURE NO.:</b> | 13.2   |                      |
| <b>CLIENT:</b>     | Bord na Móna Energy Limited                  |                      |
| <b>SCALE:</b>      | 1:80,000                                     | <b>REVISION:</b> 0   |
| <b>DATE:</b>       | 07/05/2026                                   | <b>PAGE SIZE:</b> A3 |

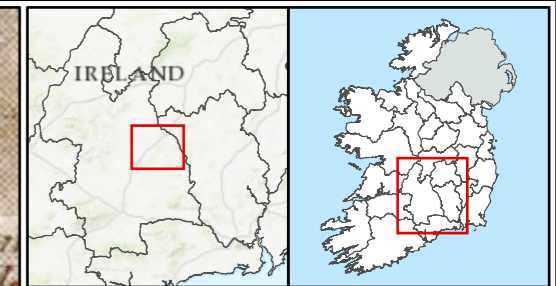
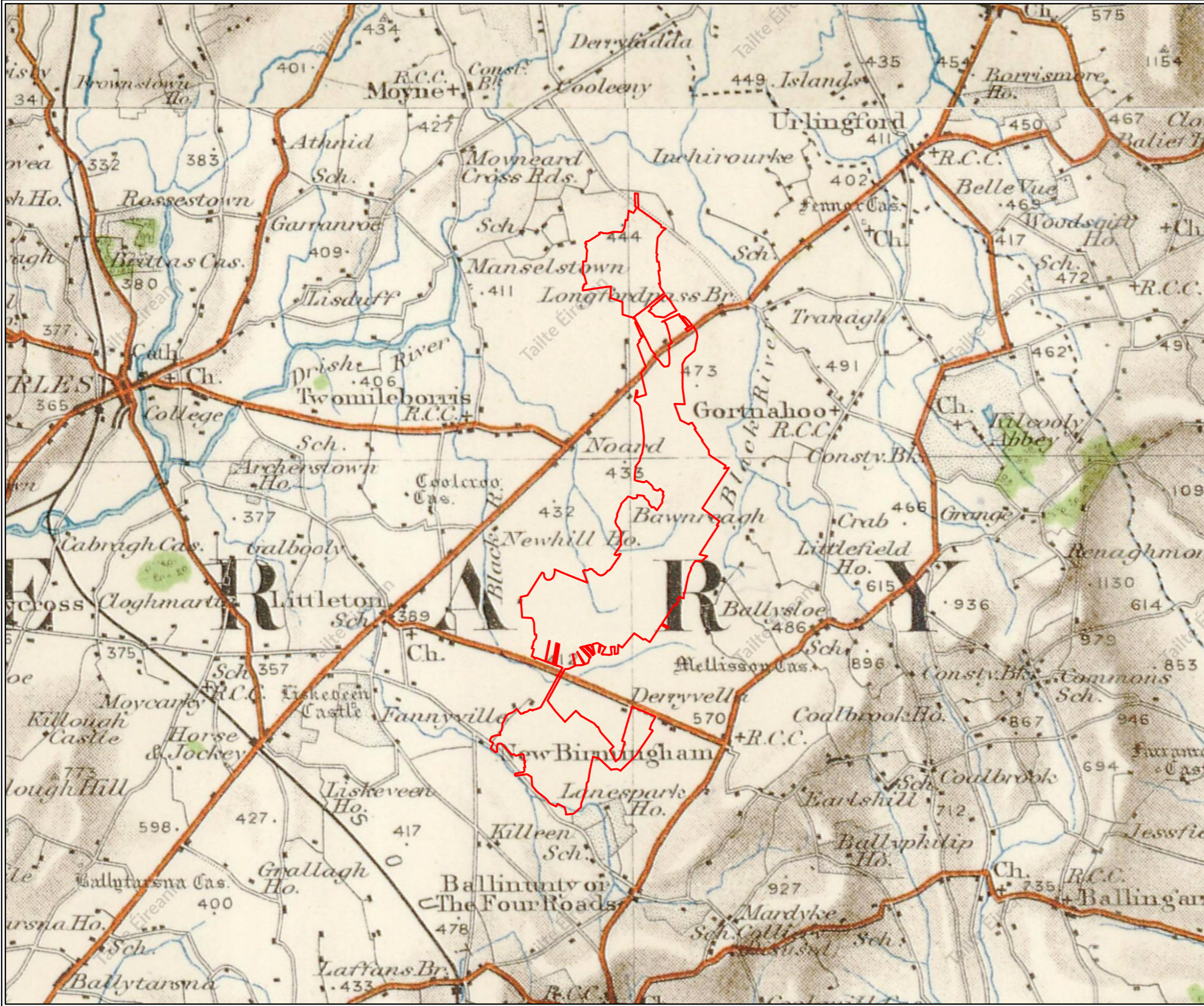




- Legend**
- Site Boundary
  - Available for Decommissioning
  - Removed
  - ⊗ Guarded Level Crossing
  - ⬆ Road Underpass
  - Local Holding Area

|                   |  |
|-------------------|--|
| <b>TITLE:</b>     | Longfordpass, Littleton, Lanespark and Derryvella Bogs Internal Rail Network |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent                                 |
| <b>FIGURE NO:</b> | 13.3   |
| <b>CLIENT:</b>    | Bord na Móna Ltd.  |
| <b>SCALE:</b>     | 1:55,000   |
| <b>REVISION:</b>  | 0  |
| <b>DATE:</b>      | 06/05/2026   |
| <b>PAGE SIZE:</b> | A3   |





**Legend**  
 Site Boundary

|                   |   |
|-------------------|---|
| <b>TITLE:</b>     | Application Site in Relation to Historic Road Network |
| <b>PROJECT:</b>   | Littleton Peat Extraction Substitute Consent          |
| <b>FIGURE NO:</b> | 13.4  |
| <b>CLIENT:</b>    | Bord na Móna Energy Limited                           |
| <b>SCALE:</b>     | 1:75,000  |
| <b>REVISION:</b>  | 0   |
| <b>DATE:</b>      | 07/05/2026  |
| <b>PAGE SIZE:</b> | A3  |

