

Soils WF and GCR

Legend

Project data

Site data

Wind Farm Layout

- ▲ Site Entrance
- Temporary Road Widening
- Redline Boundary
- Turbine Locations
- Access tracks and Hardstands
- ▭ Substation Compound
- ▭ Spoil Storage Areas
- ▭ Borrow Pit
- ▭ Temporary Construction Compound
- Verge Strengthening
- ▲ Met Mast
- Enhancement Area
- ▭ Blade Set Down Area
- Grid Route to Tullabrack Substation

TDR Haulage Route

- Turbine Delivery Route

Topography

- Elevation 2m Contour

Constraints

Geology

National Soils (EPA GSI)

Soil Type

- AminDW - Acid Brown Earths / Brown Podzolics
- AminPD - Surface water Gleys / Ground water Gleys Acidic
- AminPDPT - Peaty Gleys Acidic
- AminSP - Surface water Gleys / Ground water Gleys Shallow
- AminSRPT - Podzols Peaty
- AminSW - Lithosols / Regosols
- BktPt - Blanket peat
- Cut - Raised Bog cutaway/cutover

Base layers

Google satellite

OpenStreetMap

Project ID	604008
Project Name	Ballykett Wind Farm, Co. Clare
Projection	ITM
Drawn by	CCa
Reviewed by	JS & DW
Version	08/02/2024

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / GeoHive / Open Street Map / Google Roads
 Global Digital Elevation Model (GDEM)

RSK



Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Soils TDR Works

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TDR Haulage Route

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Topography

- ▬ Elevation 10m Contour

Constraints

Geology

National Soils (EPA GSI)

Soil Type

- AlluvMIN - Mineral alluvium
- AminDW - Acid Brown Earths / Brown Podzolics
- AminPD - Surface water Gleys / Ground water Gleys Acidic
- AminPDPT - Peaty Gleys Acidic
- AminSP - Surface water Gleys / Ground water Gleys Shallow
- AminSRPT - Podzols Peaty
- AminSW - Lithosols / Regosols
- BktPt - Blanket peat
- Cut - Raised Bog cutaway/cutover
- Lac
- Made
- Water

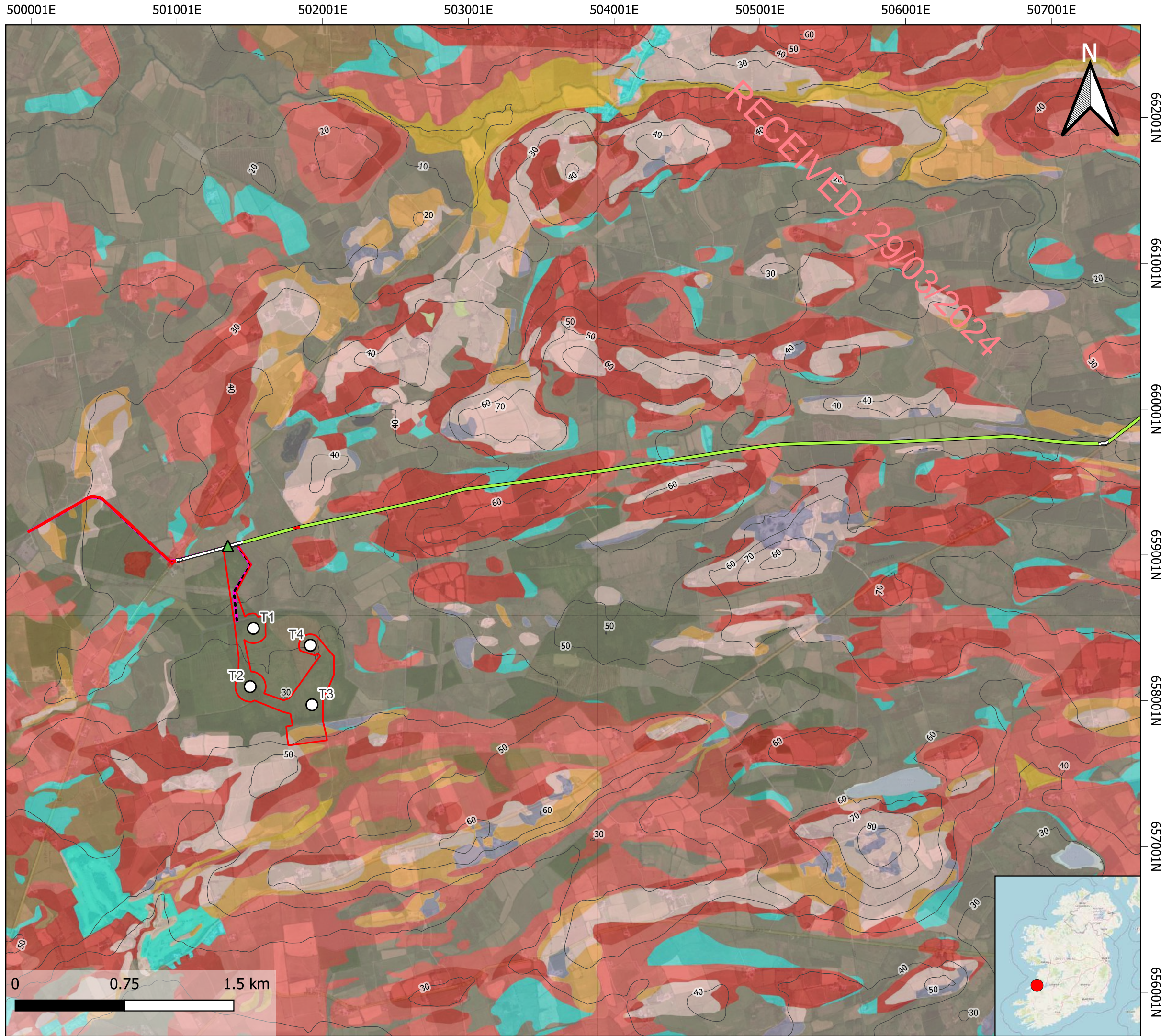
Base layers

Google satellite

OpenStreetMap

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Subsoils WF and GCR

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- Turbine Delivery Route

TDR Haulage Route

- Turbine Delivery Route

Topography

- Elevation 2m Contour

Constraints

Geology

National Subsoils (EPA GSI)

- AcEsk - Acidic esker sands and gravels
- BktPt - Blanket peat
- Cut - Cutover peat
- GNSSs - Shales and sandstone sands and gravels Namurian
- Rck - Bedrock at surface
- TNSSs

Base layers

Google satellite

OpenStreetMap

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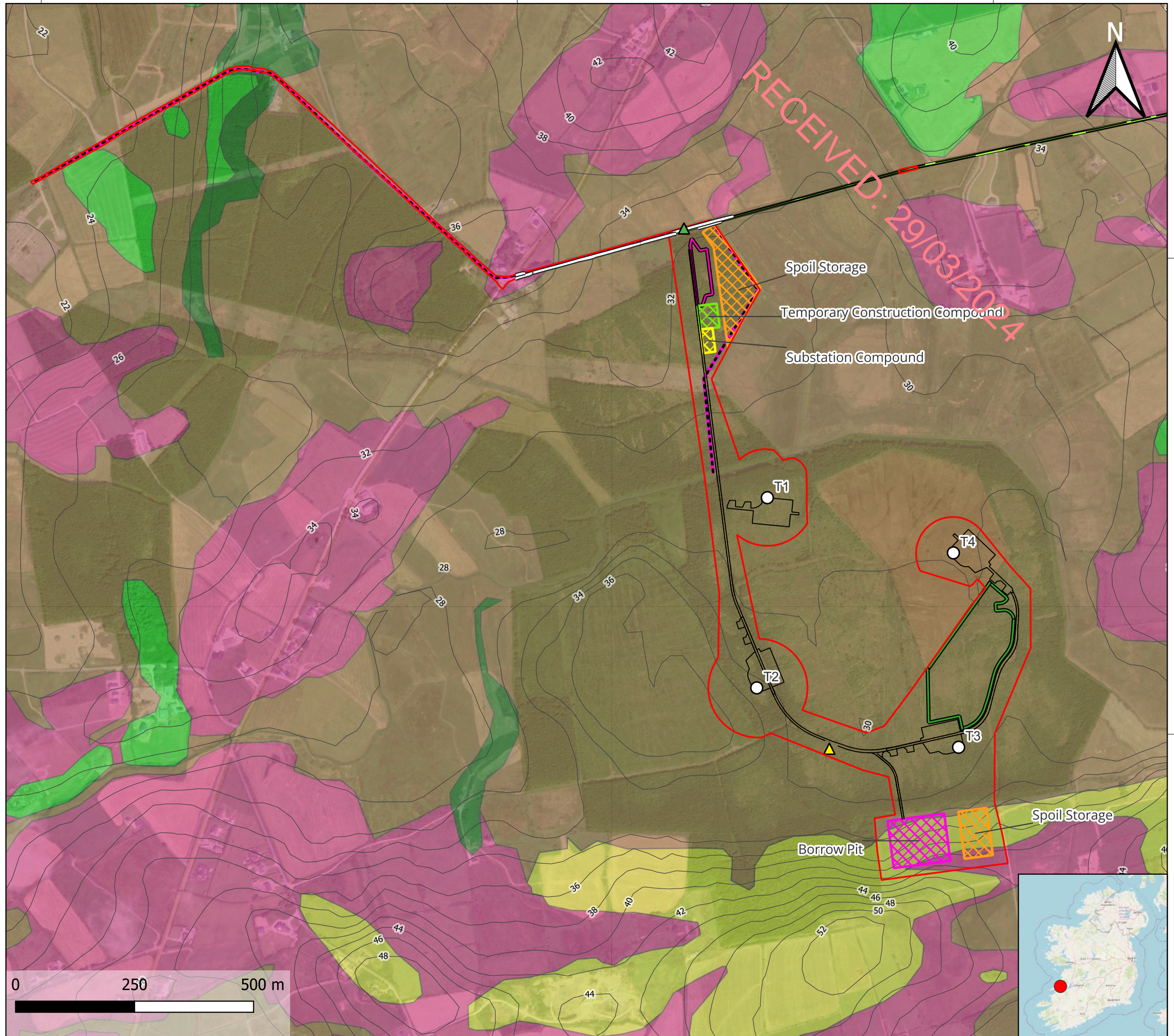
References/Sources:
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500001E

501001E

502001E



659001N

658001N



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Subsoils TDR Works

Legend

Project data

Site data

Wind Farm Layout

-  Site Entrance
-  Temporary Road Widening
-  Redline Boundary
-  Turbine Locations
-  Grid Route to Tullabrack Substation











TDR Haulage Route

-  Turbine Delivery Route


Constraints

Geology

National Subsoils (EPA GSI)

-  A - Alluvium undifferentiated gravelly
-  AcEsk - Acidic esker sands and gravels
-  BktPt - Blanket peat
-  Cut - Cutover peat
-  GNSSs - Shales and sandstone sands and gravels Namurian
-  L - Lake sediments undifferentiated
-  Made ground
-  Rck - Bedrock at surface
-  TNSSs
-  Water

Topography

-  Elevation 2m Contour

Base layers

Google satellite

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Landslide Risk & Events WF and GCR

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-  Met Mast
-  Enhancement Area
-  Blade Set Down Area
-  Grid Route to Tullabrack Substation

TDR Haulage Route

-  Turbine Delivery Route





Topography

-  Elevation 2m Contour

Constraints

Geology

Landslide Susceptibility (GSI)

-  Low
-  Low (inferred)
-  Moderately Low
-  Moderately High

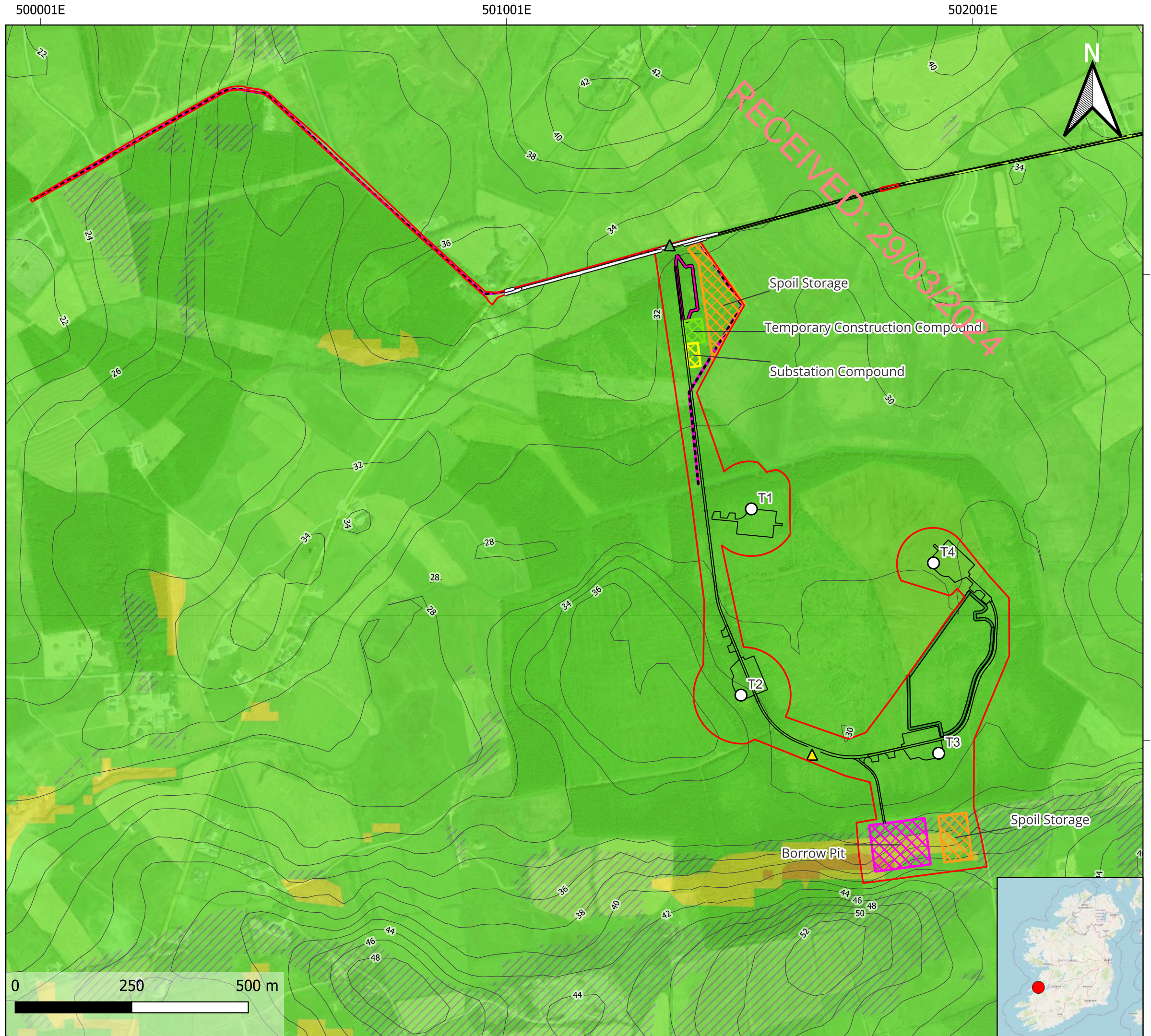
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Landslide Risk & Events TDR Works

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





TDR Haulage Route

-  Turbine Delivery Route


Constraints

Geology

Landslide_Susceptibility

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

Topography

-  Elevation 10m Contour

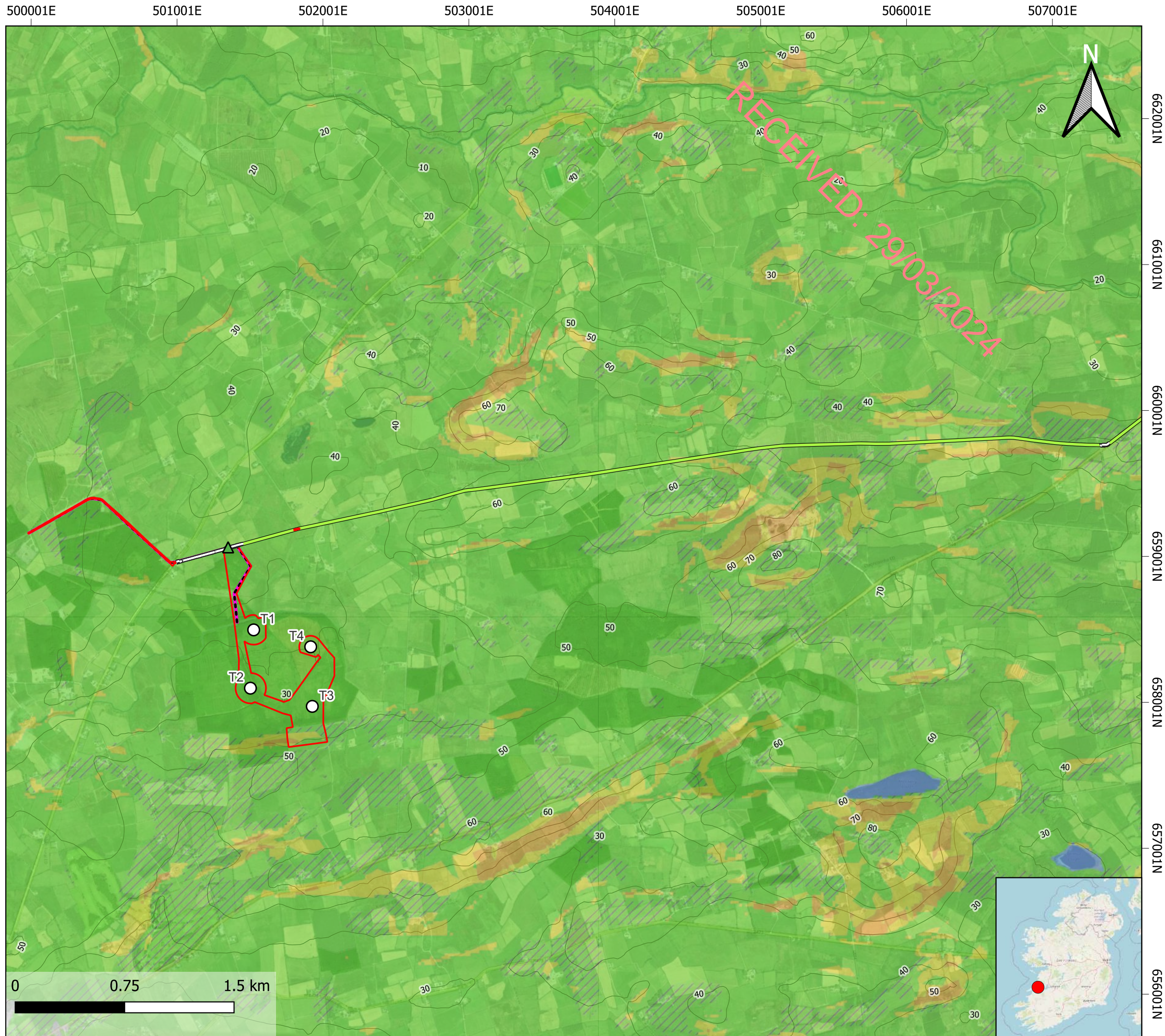
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