Figure - 10.1a Site Location & Layout Wind Farm - Tile 01 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- Metmast
- grading
- Drainage

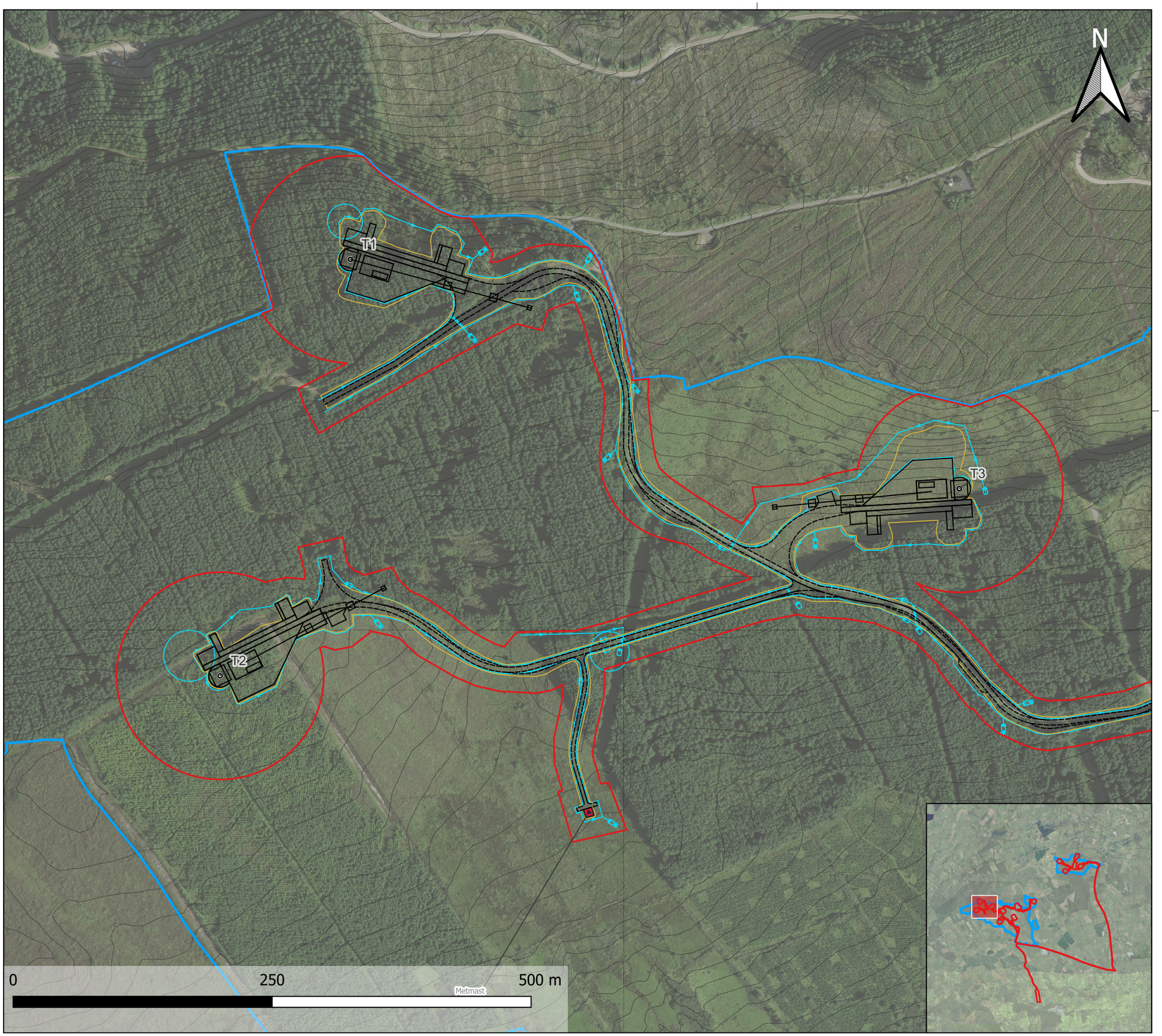
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.1a Site Location & Layout Wind Farm - Tile 02 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS
- CC Stockpile

Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.1a Site Location & Layout Wind Farm - Tile 03 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS

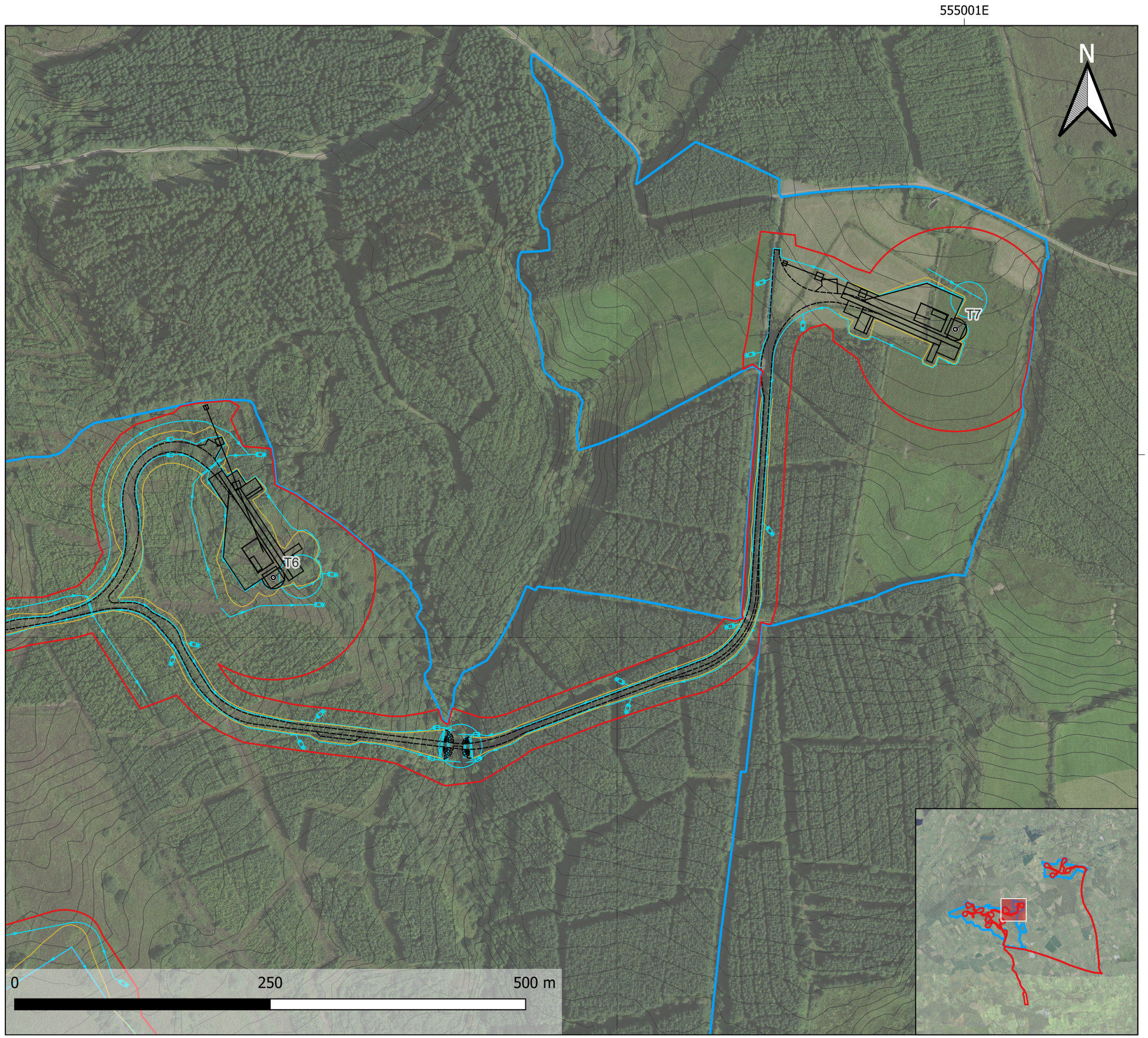
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.1a Site Location & Layout Wind Farm - Tile 04 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

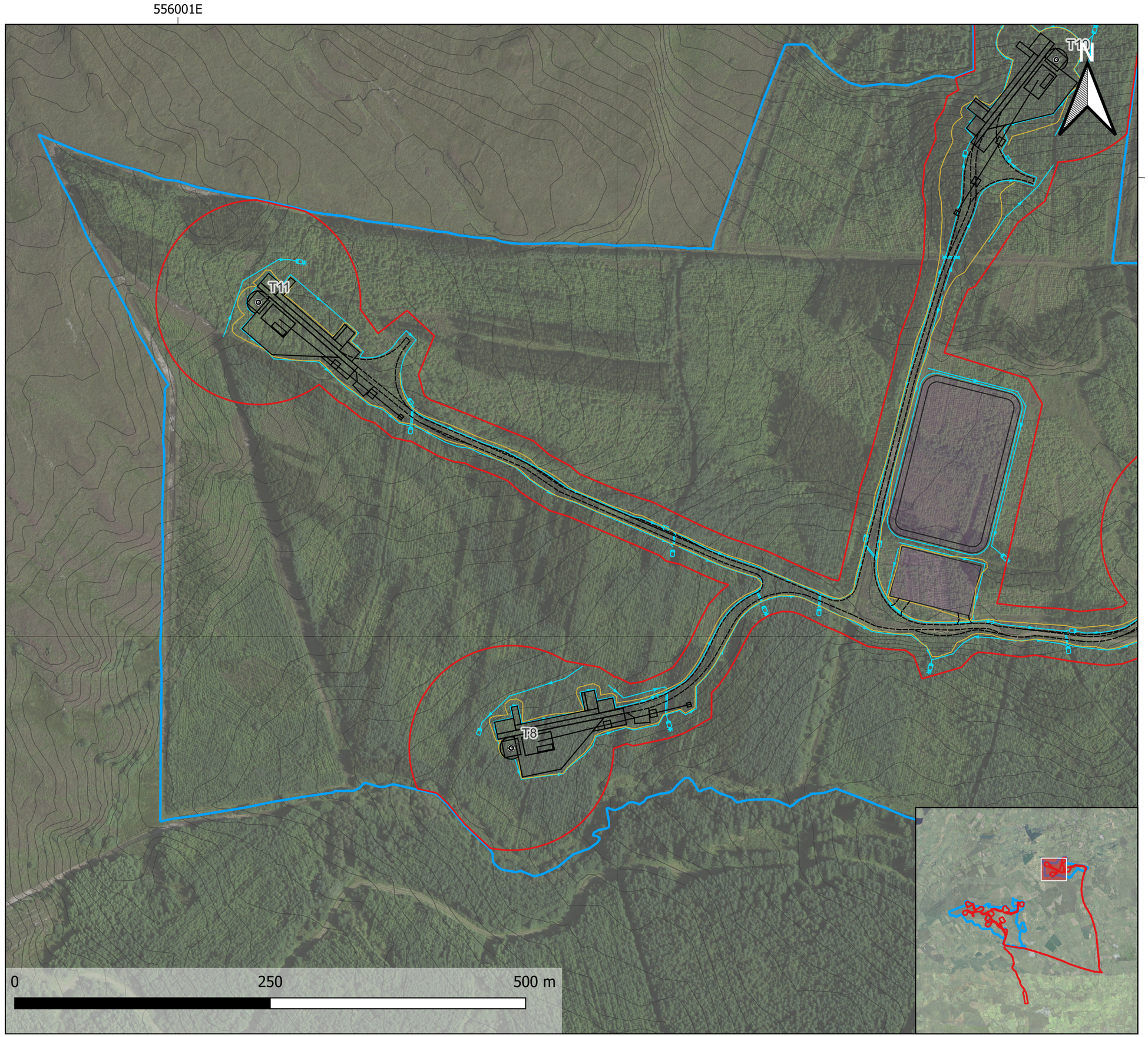
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.1a Site Location & Layout Wind Farm - Tile 05 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.1b Site Location & Layout GCR and IPP Overview

Legend

Project related data

Site Layout

Grid Connection

GCR

IPP Alternate

IPP

Site Layout

Red Line Boundary

Blue Line Boundary

Topography

Contours

10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

552001E 553001E 554001E 555001E 556001E 557001E 558001E

671001N 670001N 669001N 668001N 667001N 666001N 665001N

N

0 250 500 m

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 puporses.

Figure - 10.1c Site Location & Layout Turbine Delivery Overview

Legend

Project related data

Site Layout

Grid Connection

GCR

IPP Alternate

IPP

Turbine Delivery Route

TDR Route

Site Layout

Blue Line Boundary

Topography

Contours

50m Elevation Countours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

530001E 540001E 550001E 560001E 570001E

680001N 670001N 660001N 650001N 640001N

N

Foynes

0 10,000 20,000 m

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 puporses.

Figure - 10.2a Land Use Wind Farm - Tile 01 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- Metmast
- grading
- Drainage

Constraints

Geology

Corine 2018

- 231 - Pastures
- 312 - Coniferous forest
- 313 - Mixed forest
- 324 - Transitional woodland-shrub

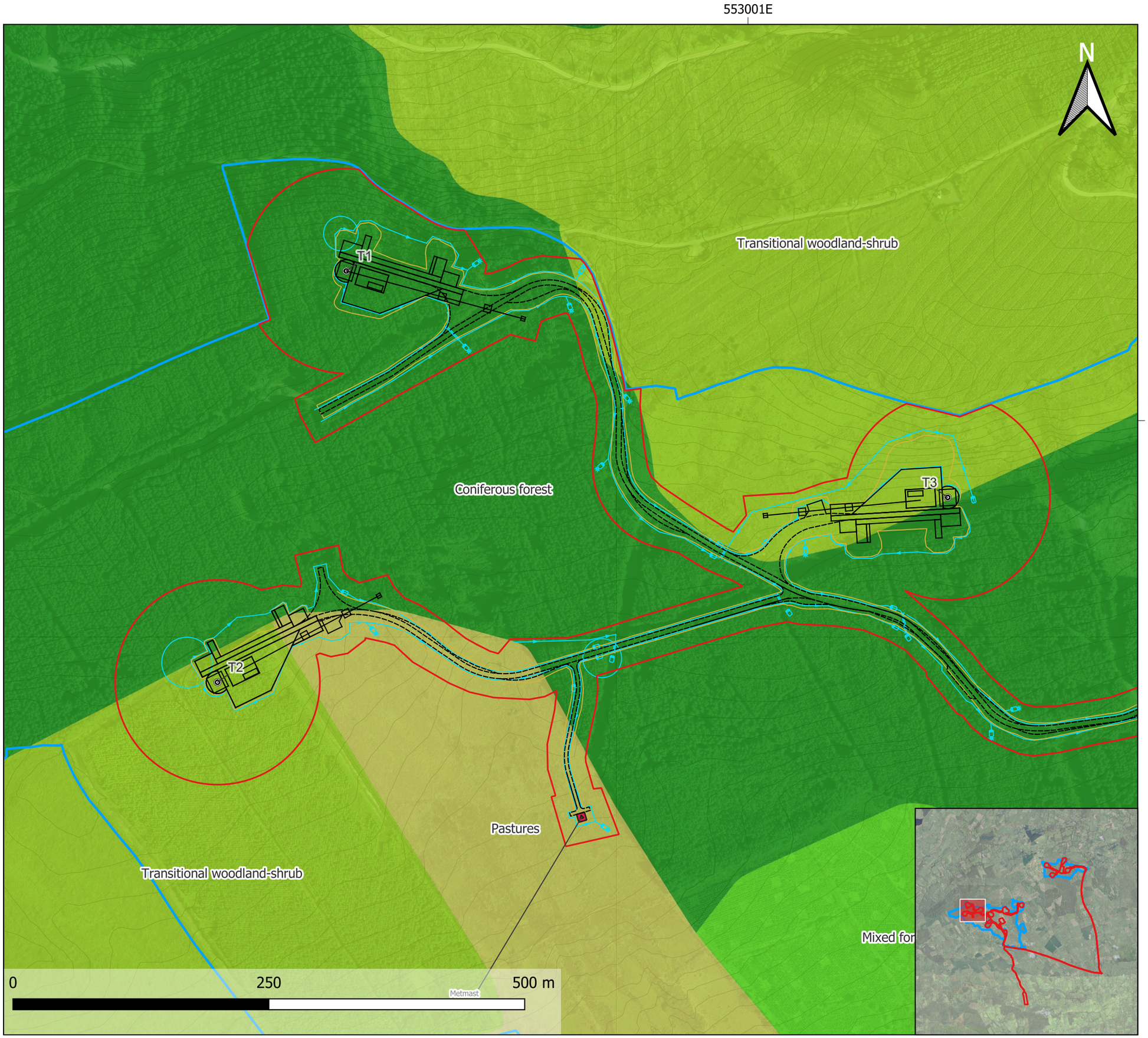
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.2a Land Use Wind Farm - Tile 02 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS
- CC Stockpile

Constraints

Geology

Corine 2018

- 231 - Pastures
- 312 - Coniferous forest
- 313 - Mixed forest
- 324 - Transitional woodland-shrub

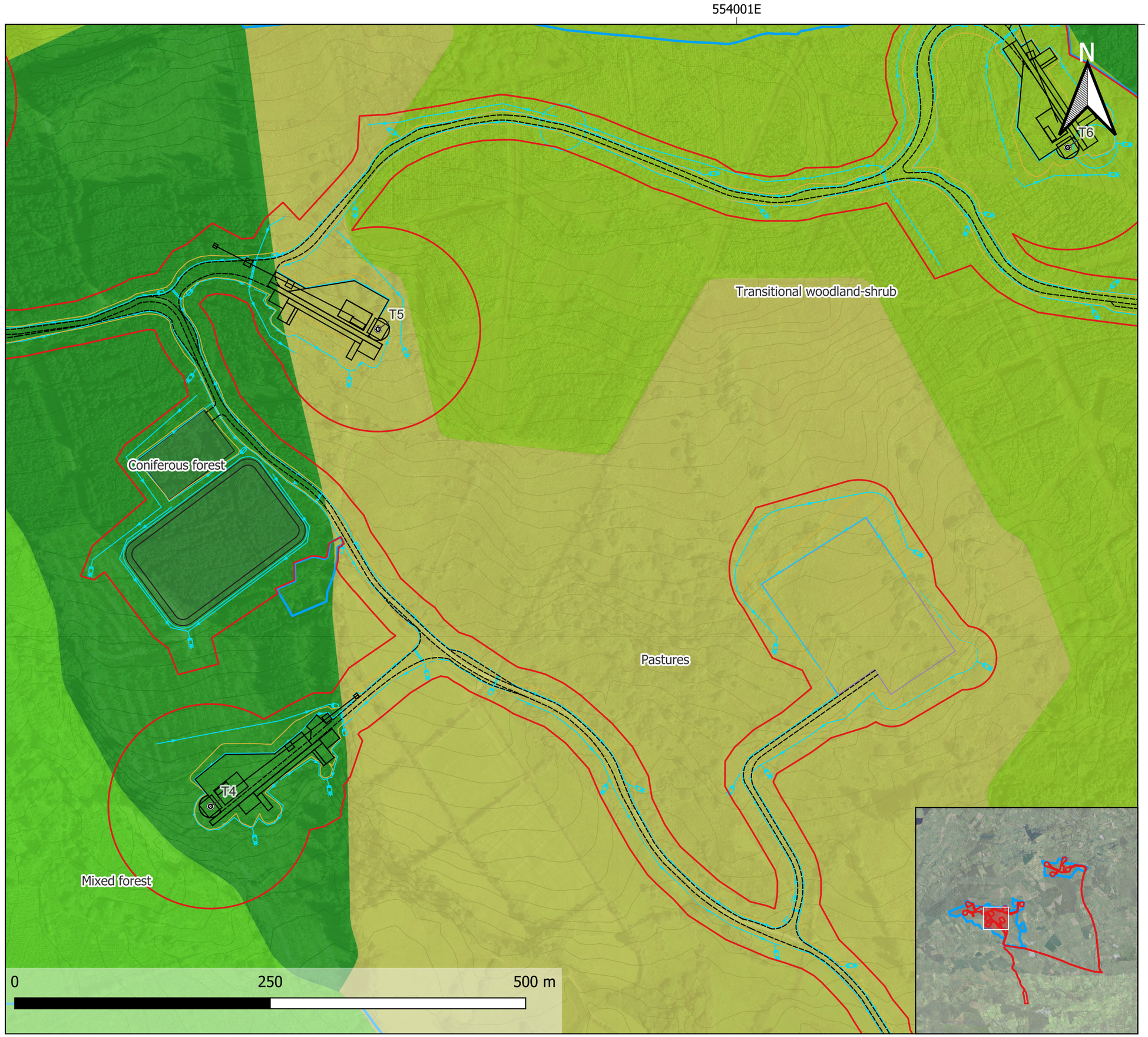
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.2a Land Use Wind Farm - Tile 03 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS

Constraints

Geology

Corine 2018

- 231 - Pastures
- 312 - Coniferous forest
- 324 - Transitional woodland-shrub
- 412 - Peat bogs

Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.2a Land Use Wind Farm - Tile 04 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

Corine 2018

- 312 - Coniferous forest
- 324 - Transitional woodland-shrub
- 412 - Peat bogs

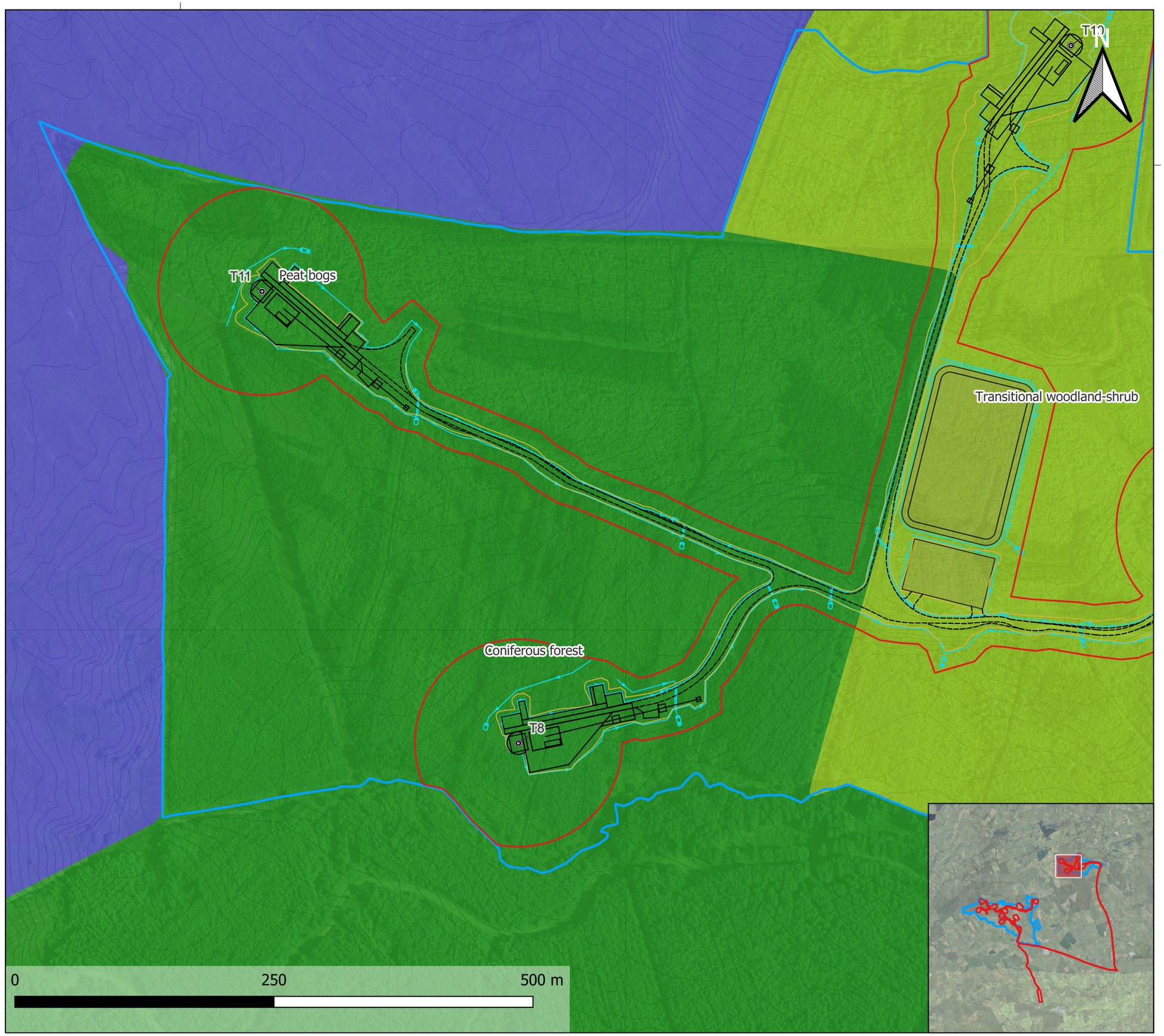
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.2a Land Use Wind Farm - Tile 05 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

Corine 2018

- 231 - Pastures
- 243 - Land principally occupied by agriculture with significant areas of natural vegetation
- 312 - Coniferous forest
- 324 - Transitional woodland-shrub
- 412 - Peat bogs

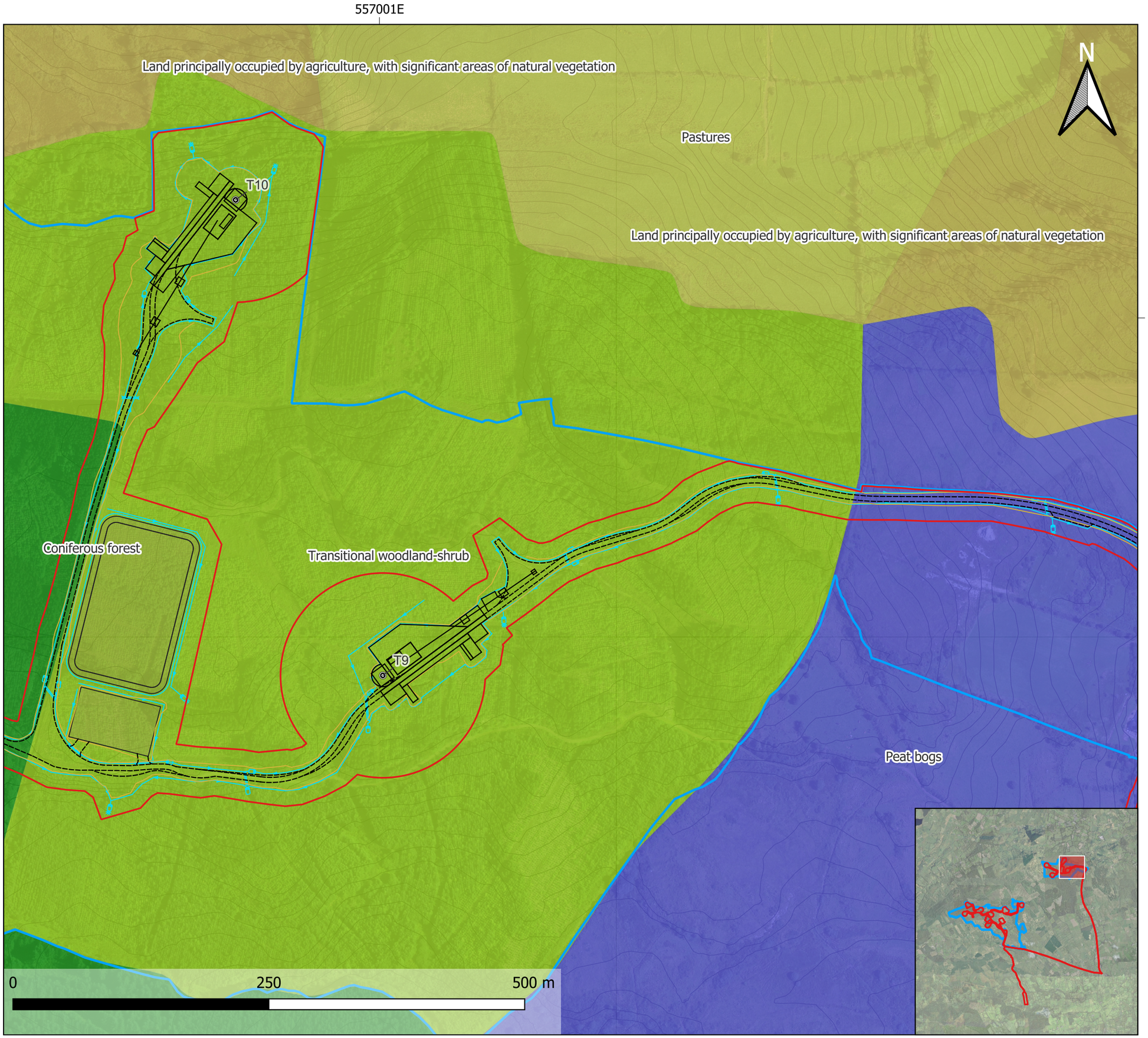
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.2b Land Use GCR and IPP

Legend

Project related data

Site Layout

Grid Connection

- GCR

IPP Alternate

- IPP

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

Corine 2018

- 231 - Pastures
- 243 - Land principally occupied by agriculture with significant areas of natural vegetation
- 312 - Coniferous forest
- 313 - Mixed forest
- 324 - Transitional woodland-shrub
- 412 - Peat bogs

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

552001E 553001E 554001E 555001E 556001E 557001E 558001E

671001N 670001N 669001N 668001N 667001N 666001N 665001N

N

Mixed forest
Land principally occupied by agriculture, with significant areas of natural vegetation
Land principally occupied by agriculture, with significant areas of natural vegetation
Peat bogs
Transitional woodland-shrub
Mixed forest
Land principally occupied by agriculture, with significant areas of natural vegetation
Peat bogs
Transitional woodland-shrub
Mixed forest
Transitional woodland-shrub
Peat bogs
Peat bogs
Coniferous forest
Transitional woodland-shrub
Transitional woodland-shrub
Peat bogs
Transitional woodland-shrub
Mixed forest
Transitional woodland-shrub
Mixed forest
Land principally occupied by agriculture, with significant areas of natural vegetation
Transitional woodland-shrub
Pastures
Land principally occupied by agriculture, with significant areas of natural vegetation
Transitional woodland-shrub
Mixed forest
Coniferous forest
Land principally occupied by agriculture, with significant areas of natural vegetation
Mixed forest
Land principally occupied by agriculture, with significant areas of natural vegetation
Coniferous forest
Land principally occupied by agriculture, with significant areas of natural
Transitional woodland-shrub

0 250 500 m

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 puporses.

Figure - 10.2c Land Use Turbine Delivery

Legend

Project related data

Site Layout

Turbine Delivery Route

- TDR Route

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

Corine 2018

- 111 - Continuous urban fabric
- 112 - Discontinuous urban fabric
- 121 - Industrial or commercial units
- 122 - Road and rail networks and associated land
- 124 - Airports
- 131 - Mineral extraction sites
- 132 - Dump sites
- 141 - Green urban areas
- 142 - Sport and leisure facilities
- 211 - Non-irrigated arable land
- 231 - Pastures
- 242 - Complex cultivation patterns
- 243 - Land principally occupied by agriculture with significant areas of natural vegetation
- 311 - Broad-leaved forest
- 312 - Coniferous forest
- 313 - Mixed forest
- 321 - Natural grasslands
- 322 - Moors and heathland
- 324 - Transitional woodland-shrub
- 411 - Inland marshes
- 412 - Peat bogs
- 421 - Salt marshes
- 423 - Intertidal flats
- 511 - Water courses
- 512 - Water bodies
- 522 - Estuaries

Topography

Contours

- 50m Elevation Countours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

530001E 540001E 550001E 560001E 570001E

680001N 670001N 660001N 650001N 640001N

N

Foynes

0 10,000 20,000 m

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 puporses.

Figure - 10.3a Geology Wind Farm - Tile 01 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- Metmast
- grading
- Drainage

Constraints

Geology

- Geological_Linework_100k_2018

Bedrock_Polygons_ITM_2018

- Old Red Sandstone (undifferentiated
- in Cornagnoe Formation
- Ballymalone Formation
- Broadford Formation

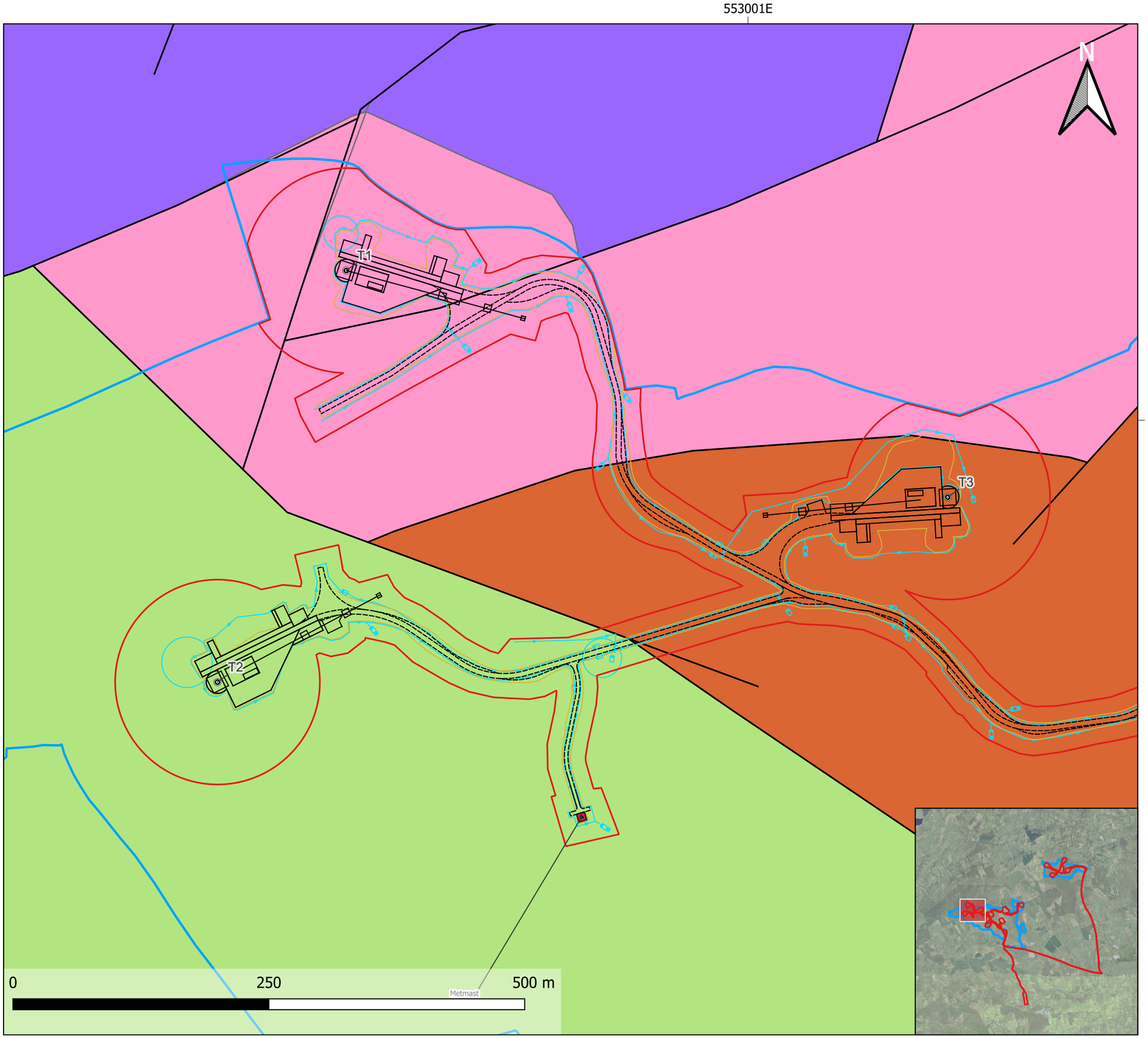
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



699001N

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.3a Geology Wind Farm - Tile 02 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS
- CC Stockpile

Constraints

Geology

- Bedrock_Outcrop_ITM_2018
- Geological_Linework_100k_2018

Bedrock_Polygons_ITM_2018

- Old Red Sandstone (undifferentiated
- in Cornagnoe Formation
- Broadford Formation

Topography

Contours

- DTM_2m_Contours

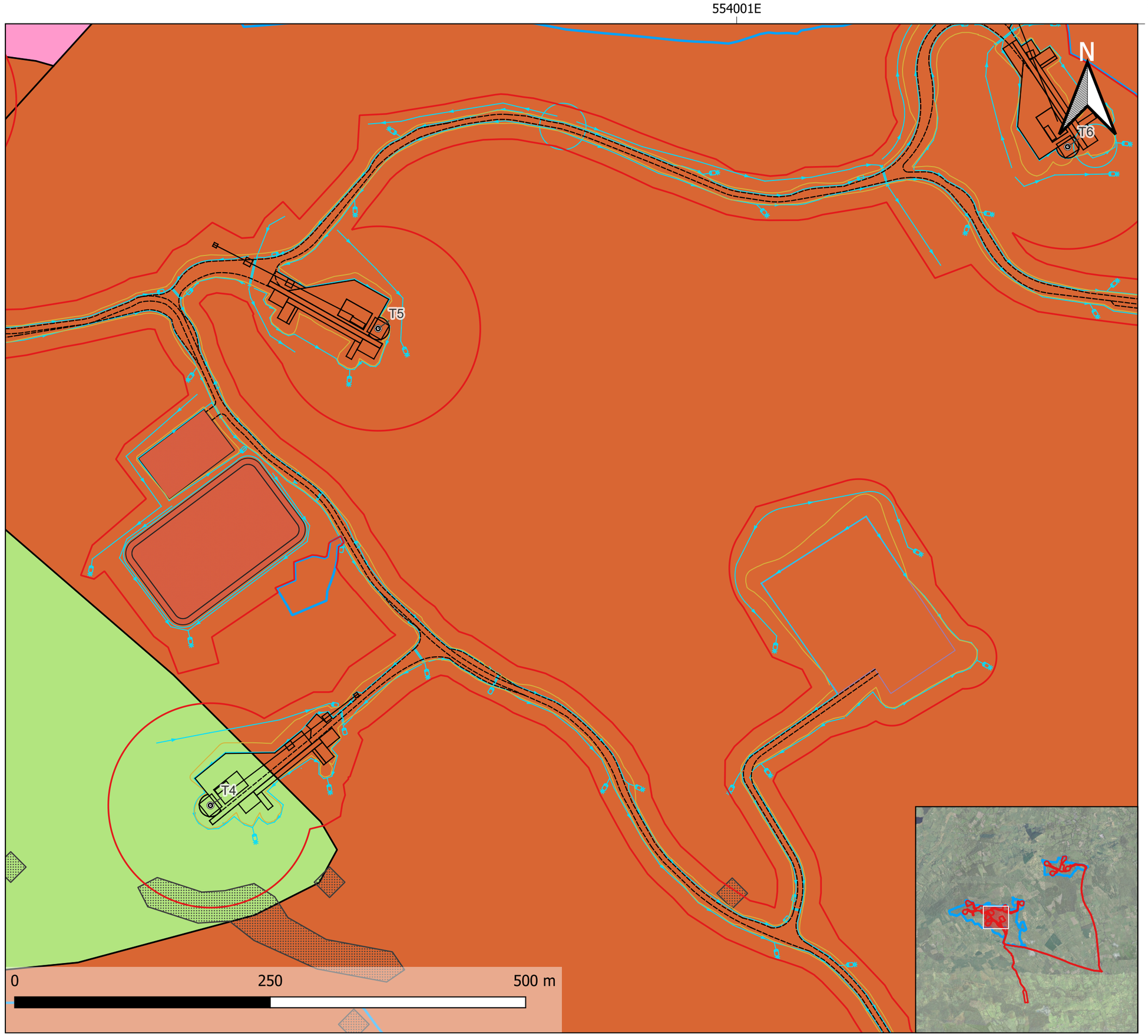
Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.3a Geology Wind Farm - Tile 03 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS

Constraints

Geology

- Bedrock_Outcrop_ITM_2018
- Geological_Linework_100k_2018

Bedrock_Polygons_ITM_2018

- Old Red Sandstone (undifferentiated
- in Cornagnoe Formation
- Cornagnoe Formation

Topography

Contours

- DTM_2m_Contours

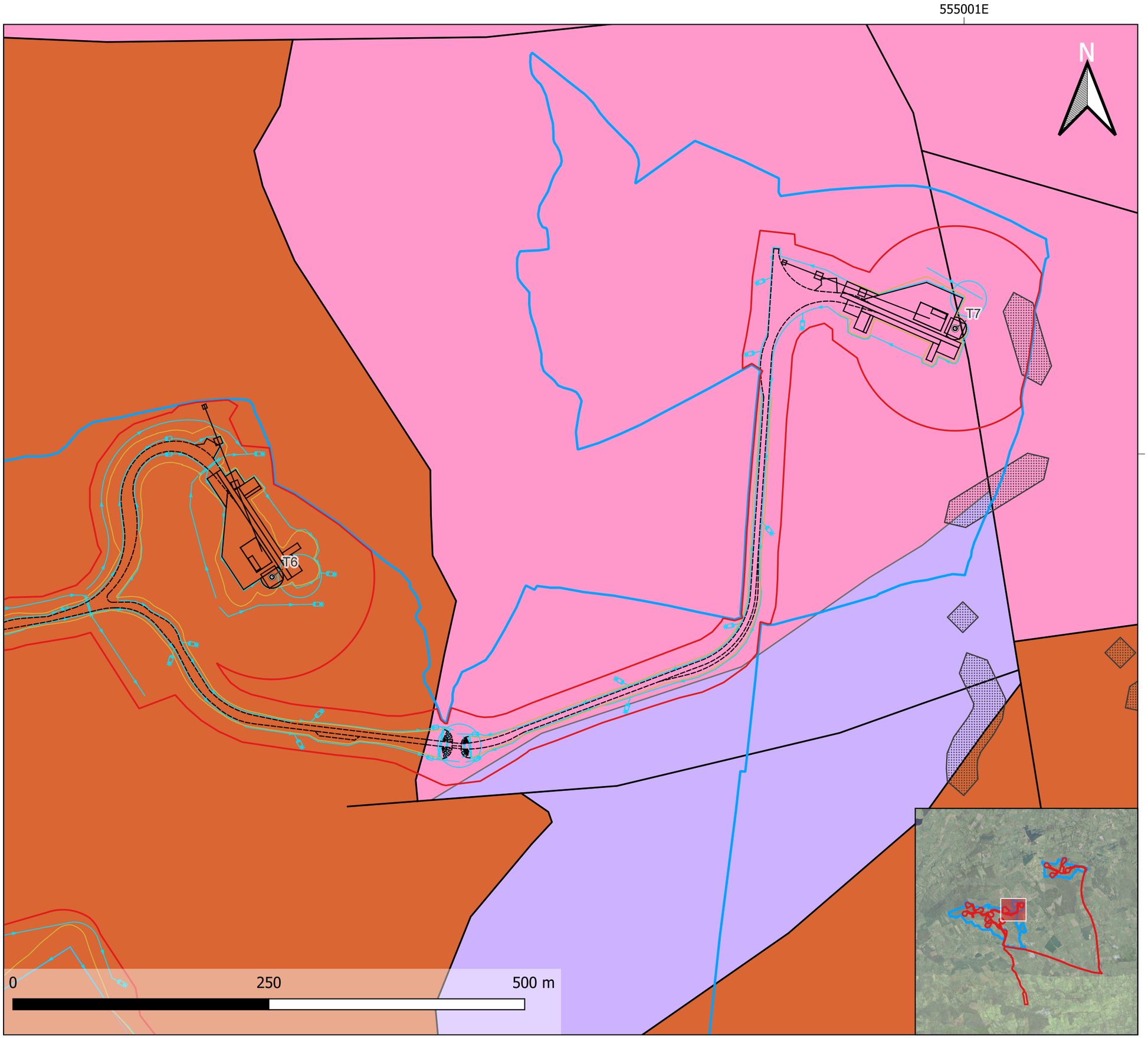
Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.3a Geology Wind Farm - Tile 04 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

- Bedrock_Outcrop_ITM_2018
- Geological_Linework_100k_2018

Bedrock_Polygons_ITM_2018

- Old Red Sandstone (undifferentiated

Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.3a Geology Wind Farm - Tile 05 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

- Bedrock_Outcrop_ITM_2018
- Geological_Linework_100k_2018

Bedrock_Polygons_ITM_2018

- Old Red Sandstone (undifferentiated
- Ballymalone Formation
- Cornagnoe Formation
- Broadford Formation

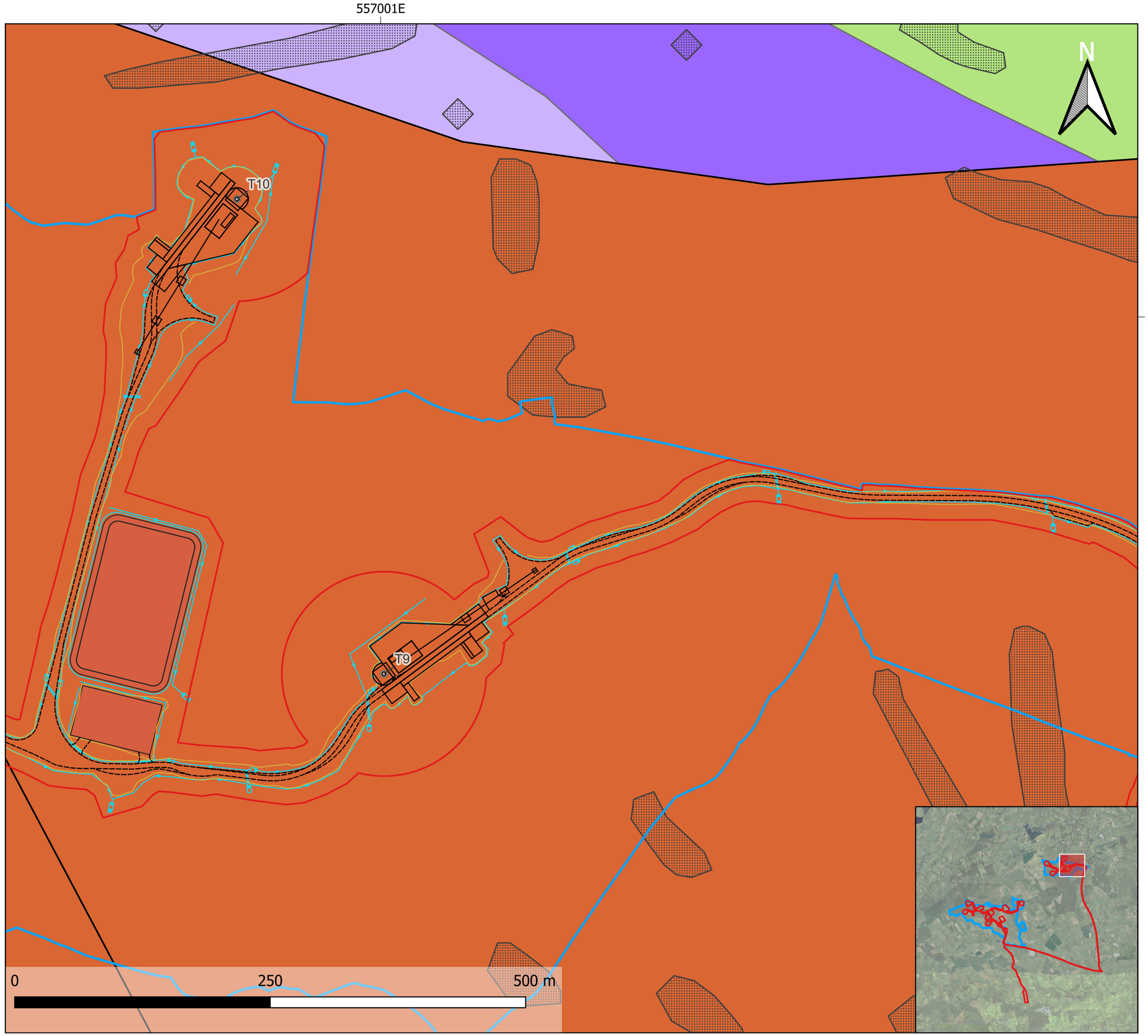
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.3b Geology GCR and IPP

Legend

Project related data

Site Layout

Grid Connection

- GCR

IPP Alternate

- IPP

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

- Bedrock_Outcrop_ITM_2018

Bedrock_Polygons_ITM_2018

- Ballysteen Formation
- Lower Limestone Shale
- Old Red Sandstone (undifferentiated
- in Broadford Formation
- in Cornagnoe Formation
- Ballymalone Formation
- Cornagnoe Formation
- Broadford Formation
- Cratloes Formation
- Glennagross Member
- Geological_Linework_100k_2018

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

552001E 553001E 554001E 555001E 556001E 557001E 558001E

671001N 670001N 669001N 668001N 667001N 666001N 665001N

N

0 250 500 m

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 puporses.

Figure - 10.3c Geology Turbine Delivery

Legend

Project related data

Site Layout

Turbine Delivery Route

- TDR Route

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

- Bedrock_Outcrop_ITM_2018
- Geological_Linework_100k_2018

Bedrock_Polygons_ITM_2018

- Ballysteen Formation
- Ballynash Member
- Lough Gur Formation
- Lower Limestone Shale
- Parsonage & Corgrig Lodge Formation
- Visean Limestones (undifferentiated
- Waulsortian Limestones
- Central Clare Group
- Clare Shale Formation
- Gull Island Formation
- Old Red Sandstone (undifferentiated
- Ayle River Formation
- Keeper Hill Formation
- in Broadford Formation
- in Cornagnoe Formation
- Mudbank limestone
- Oolitic limestone
- Volcanics
- Ballymalone Formation
- Cornagnoe Formation
- Broadford Formation
- Broadford Formation & conglom & coa
- in Broadford Formation
- Hollyford Formation
- Slieve Bernagh Formation
- Slieve Bernagh Formation & conglom
- in Slieve Bernagh Formation
- Cratloes Formation
- Ballycar South Member

Topography

Contours

- 50m Elevation Countours

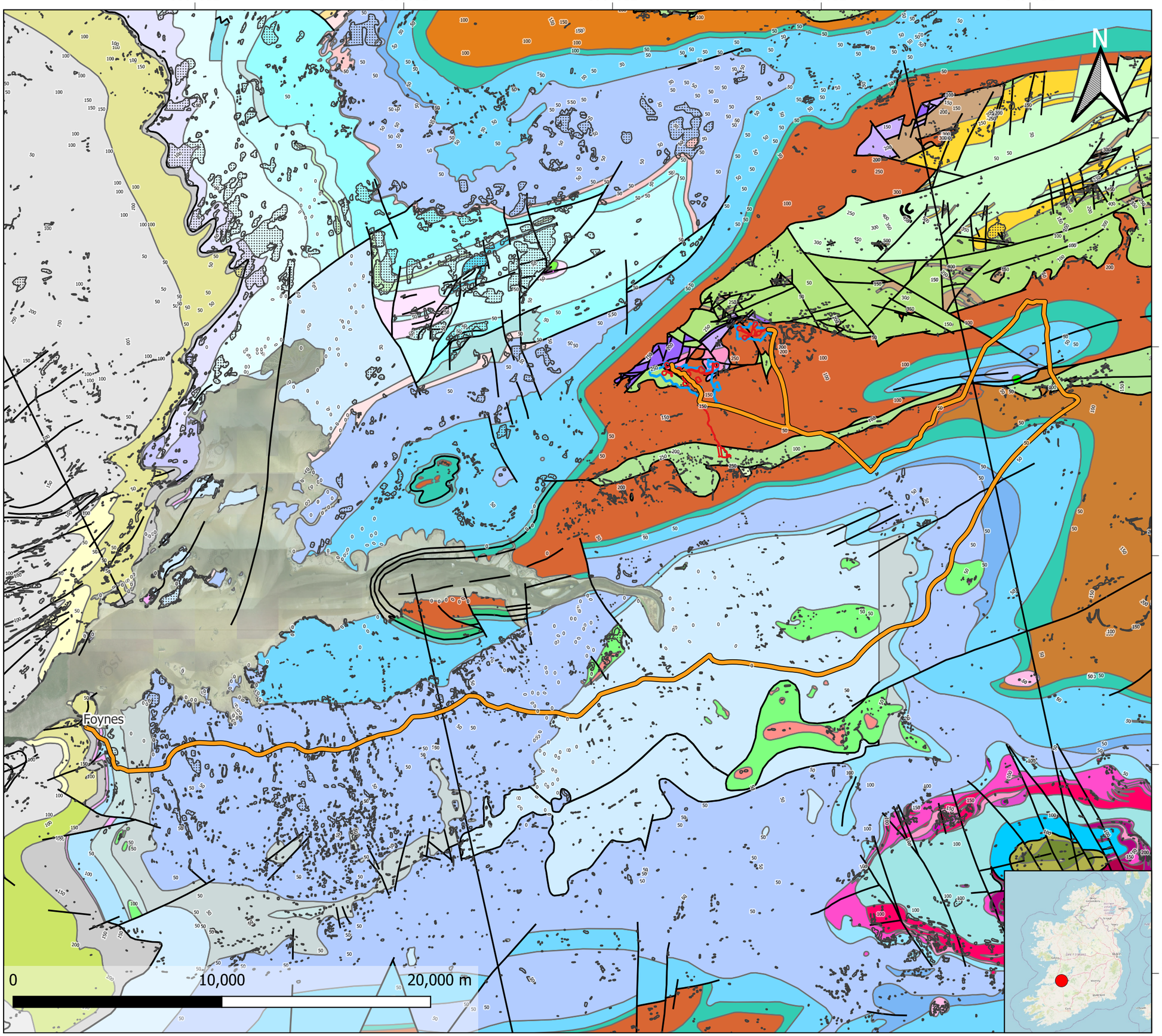
Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.4a Soils Wind Farm - Tile 01 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- Metmast
- grading
- Drainage

Constraints

Geology

soils_ie_f1

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

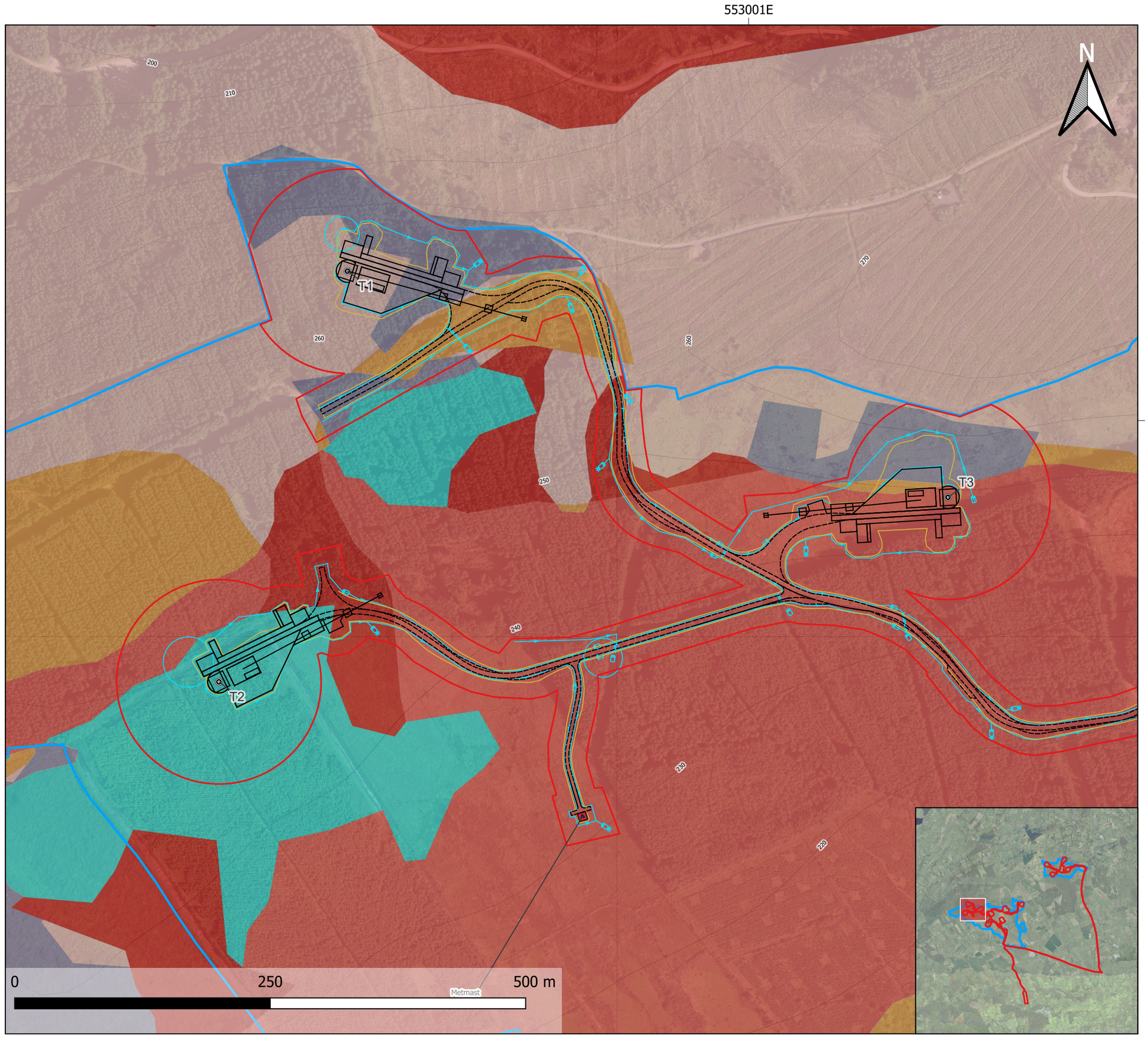
Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.4a Soils Wind Farm - Tile 02 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS
- CC Stockpile

Constraints

Geology

soils_ie_f1

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

Topography

Contours

- 10m Elevation Contours

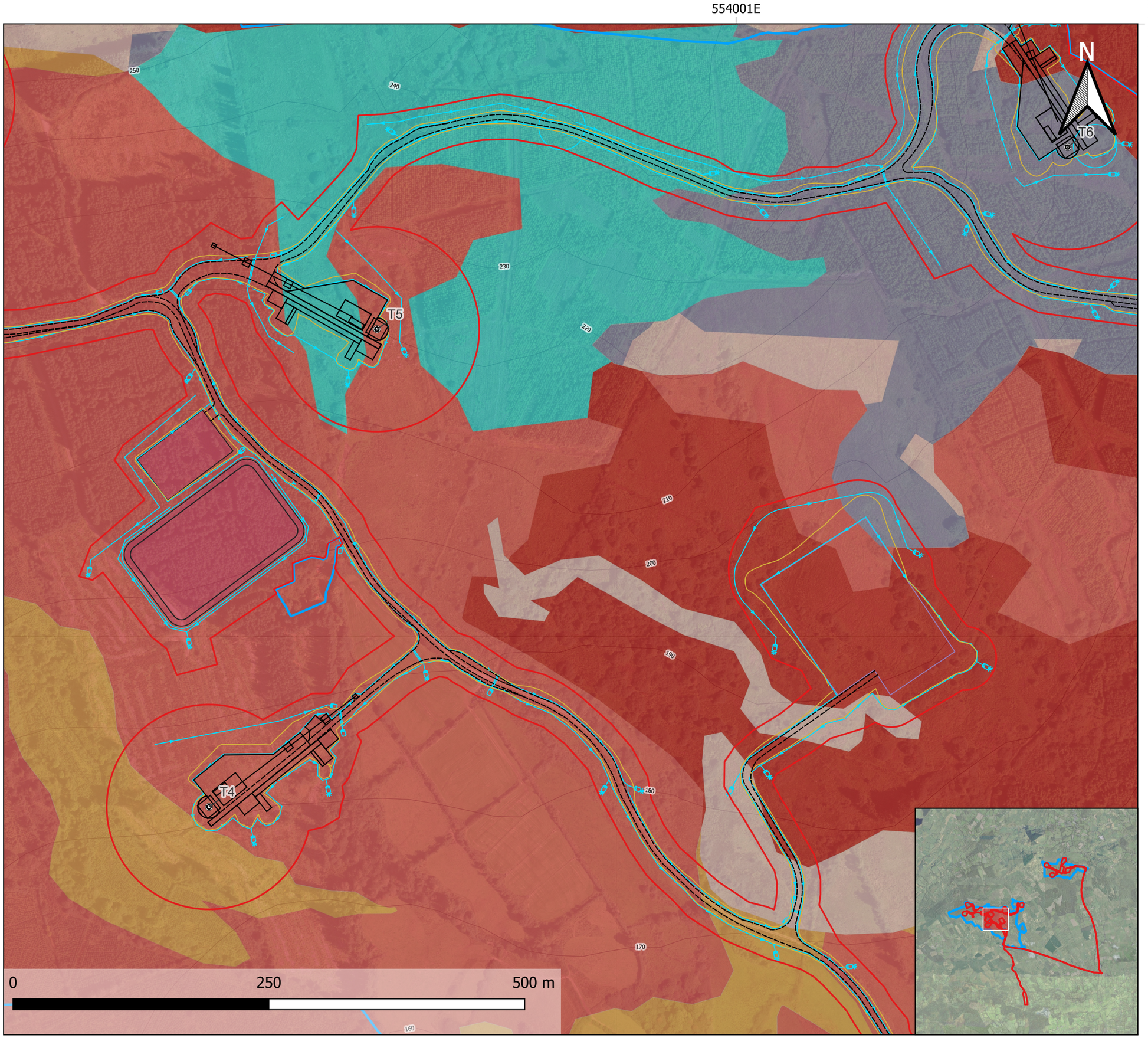
Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.4a Soils Wind Farm - Tile 03 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS

Constraints

Geology

soils_ie_f1

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

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery

555001E

N

699001N

T6

T7

250

240

230

220

210

200

190

180

0 250 500 m

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.4a Soils Wind Farm - Tile 04 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

soils_ie_f1

Soil Type

- AminDW - Acid Brown Earths / Brown Podzolics
- AminPDPT - Peaty Gleys Acidic
- AminSRPT - Podzols Peaty
- AminSW - Lithosols / Regosols
- BktPt - Blanket peat

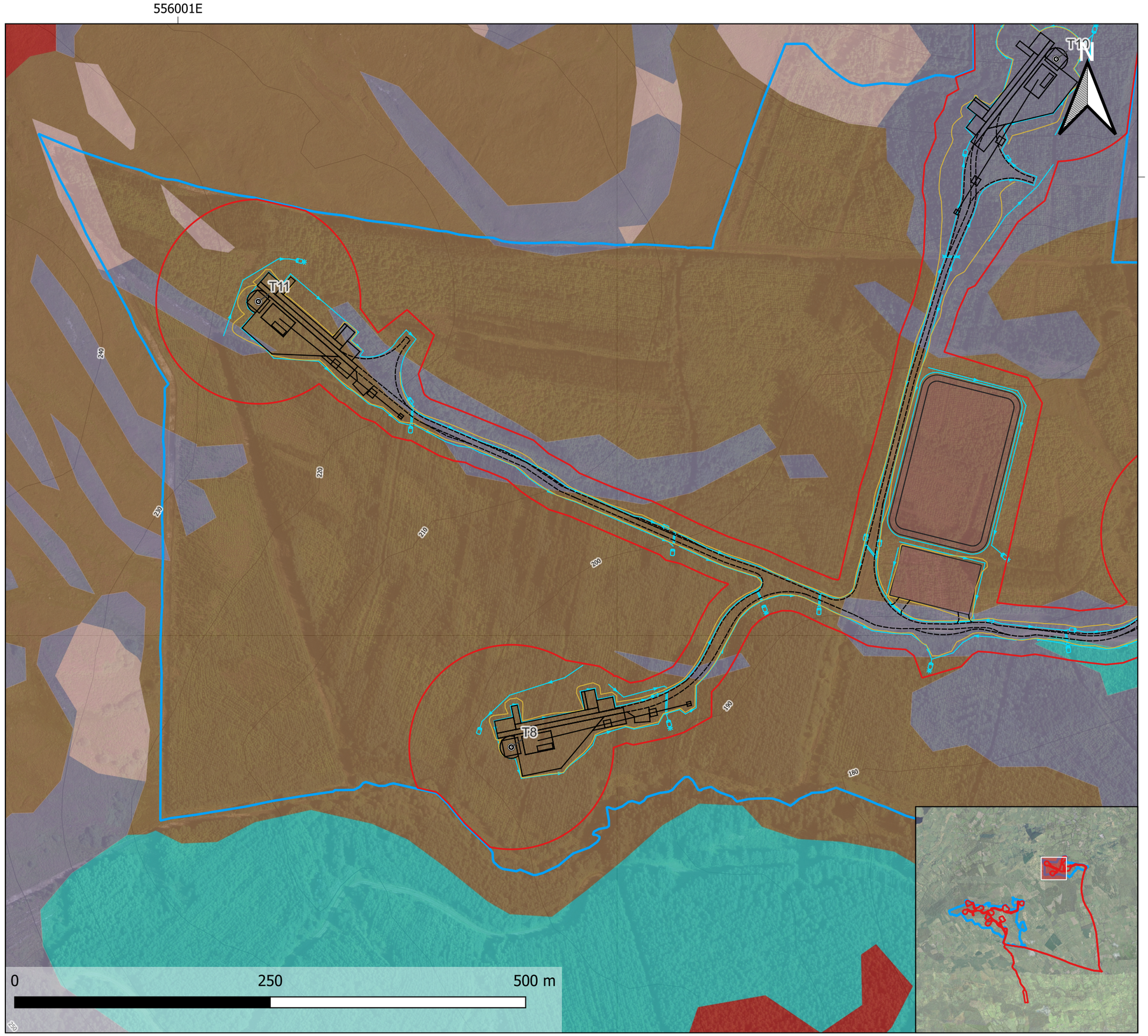
Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.4a Soils Wind Farm - Tile 05 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

soils_ie_f1

Soil Type

- AminDW - Acid Brown Earths / Brown Podzolics
- AminPDPT - Peaty Gleys Acidic
- AminSRPT - Podzols Peaty
- AminSW - Lithosols / Regosols
- BktPt - Blanket peat

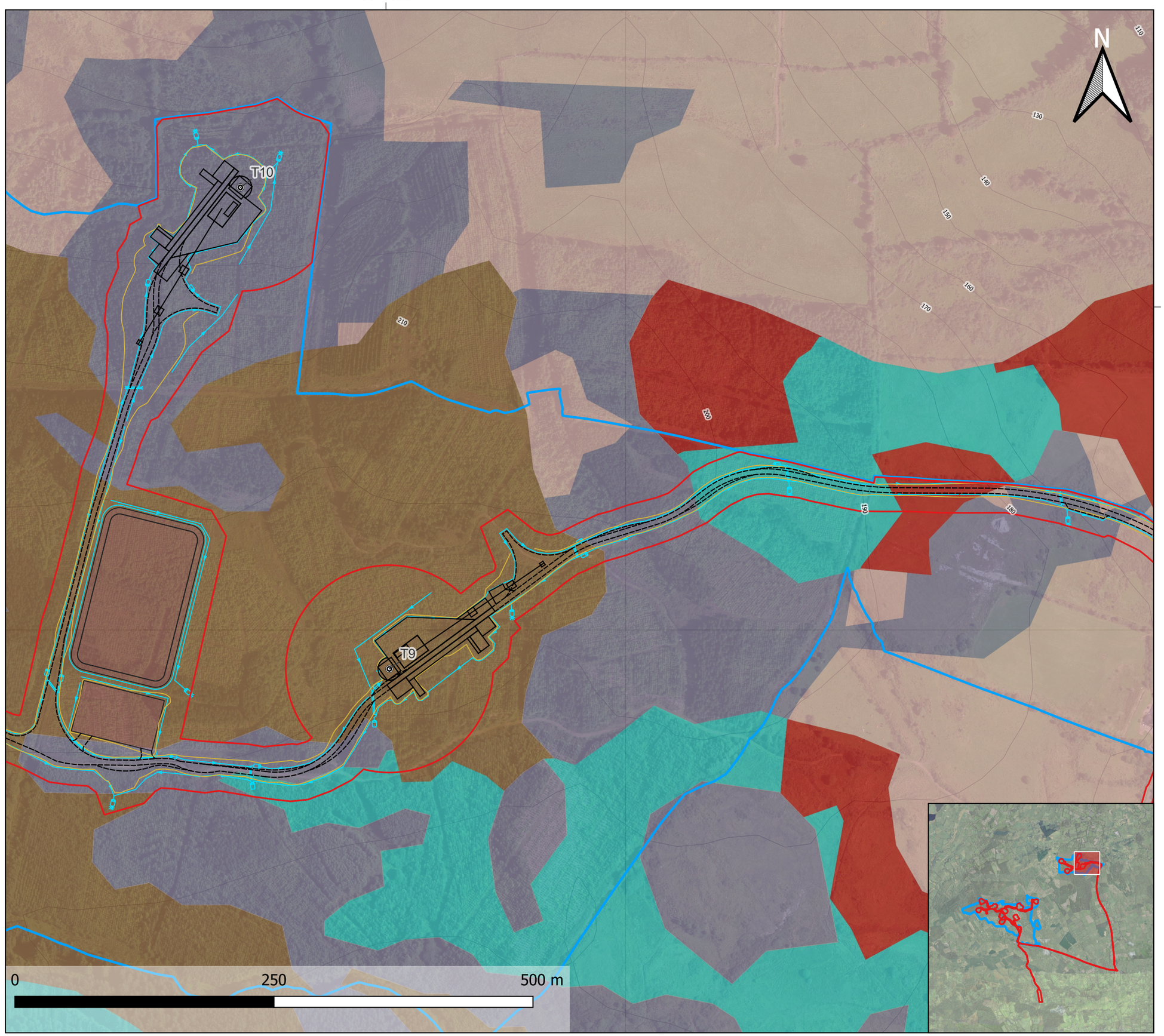
Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.4b Soils GCR and IPP

Legend

Project related data

Site Layout

Grid Connection

- GCR

IPP Alternate

- IPP

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

soils_ie_f1

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
- BminDW - Grey Brown Podzolics / Brown Earths Basic
- BminPD - Surface water Gleys / Ground water Gleys Basic
- BminSP - Surface water Gleys / Ground water Gleys Shallow
- BminSW - Renzinas / Lithosols
- Water

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

552001E 553001E 554001E 555001E 556001E 557001E 558001E

671001N 670001N 669001N 668001N 667001N 666001N 665001N

N

0 250 500 m

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 puporses.

Figure - 10.4c Soils Turbine Delivery

Legend

Project related data

Site Layout

Turbine Delivery Route

- TDR Route

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

soils_ie_f1

Soil Type

- AeoUND - Aeolian Undifferentiated
- AlluvMIN - Mineral alluvium
- AlluvMRL - Marl type soils
- 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
- AminSPPT - Peaty Gleys Shallow
- AminSRPT - Podzols Peaty
- AminSW - Lithosols / Regosols
- BktPt - Blanket peat
- BminDW - Grey Brown Podzolics / Brown Earths Basic
- BminPD - Surface water Gleys / Ground water Gleys Basic
- BminPDPT - Peaty Gleys Basic Parent Materials Basic
- BminSP - Surface water Gleys / Ground water Gleys Shallow
- BminSPPT - Peaty Gleys Shallow
- BminSRPT - Lithosols Peats
- BminSW - Renzinas / Lithosols
- Cut - Raised Bog cutaway/cutover
- FenPT - Fen peat
- Lac
- Made
- MarSed
- Scree
- Water

Topography

Contours

- 50m Elevation Countours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

530001E 540001E 550001E 560001E 570001E

680001N 670001N 660001N 650001N 640001N

N

Foynes

0 10,000 20,000 m

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 puporses.

Figure - 10.5a Subsoils Wind Farm - Tile 01 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- Metmast
- grading
- Drainage

Constraints

Geology

subsoils_ie

- Rck - Bedrock at surface
- TLPSsS - Sandstone and shales till Devonian/Carboniferous

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.5a Subsoils Wind Farm - Tile 02 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS
- CC Stockpile

Constraints

Geology

subsoils_ie

- Rck - Bedrock at surface
- TDSs - Sandstone till Devonian
- TLPSsS - Sandstone and shales till Devonian/Carboniferous

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.5a Subsoils Wind Farm - Tile 03 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS

Constraints

Geology

subsoils_ie

- BktPt - Blanket peat
- Rck - Bedrock at surface
- TLPSsS - Sandstone and shales till Devonian/Carboniferous

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.5a Subsoils Wind Farm - Tile 04 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

subsoils_ie

- BktPt - Blanket peat
- Rck - Bedrock at surface
- TDSs - Sandstone till Devonian
- TLPSsS - Sandstone and shales till Devonian/Carboniferous

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.5a Subsoils Wind Farm - Tile 05 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

subsoils_ie

- BktPt - Blanket peat
- Rck - Bedrock at surface
- TDSs - Sandstone till Devonian

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

557001E

671001N

N

T10

T9

Rck

TDSs

BktPt

0 250 500 m

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 puporses.

Figure - 10.5b Subsoils GCR and IPP

Legend

Project related data

Site Layout

Grid Connection

- GCR

IPP Alternate

- IPP

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

subsoils_ie

- A - Alluvium undifferentiated gravelly
- BktPt - Blanket peat
- GDSs - Sandstone sands and gravels Devonian"
- Rck - Bedrock at surface
- TDSs - Sandstone till Devonian
- TLPSsS - Sandstone and shales till Devonian/Carboniferous
- TLs - Limestone till Carboniferous
- Water

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

552001E 553001E 554001E 555001E 556001E 557001E 558001E

671001N 670001N 669001N 668001N 667001N 666001N 665001N

N

0 250 500 m

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 puporses.

Figure - 10.5c Subsoils Turbine Delivery

Legend

Project related data

Site Layout

Turbine Delivery Route

- TDR Route

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

subsoils_ie

- A - Alluvium undifferentiated gravelly
- AcEsk - Acidic esker sands and gravels
- BasEsk - Basic esker sands and gravels
- BktPt - Blanket peat
- Cut - Cutover peat
- FenPt - Fen Peat
- GBi - Basic igneous sands and gravels
- GDSs - Sandstone sands and gravels Devonian"
- GLPDSs - Sandstone sands and gravels Lower Palaeozoic
- GLPSsS - Sandstone and shale sands and gravels Lower Palaeozoic
- GLs - Limestone sands and gravels Carboniferous
- GNSSs - Shales and sandstone sands and gravels Namurian
- KaRck - Karstified limestone bedrock at surface
- L - Lake sediments undifferentiated
- Made ground
- Mesc - Estuarine sediments (silts/clays)
- Mrl - Marl shell
- Rck - Bedrock at surface
- Scree
- TBi - Basic igneous till
- TDSs - Sandstone till Devonian
- TGr - Granite till
- TLPDSs - Sandstone till Lower PAlaeozoic/Devonian
- TLPSsS - Sandstone and shales till Devonian/Carboniferous
- TLs - Limestone till Carboniferous
- TNSSs
- Water
- Ws - Blown sand

Topography

Contours

- 50m Elevation Countours

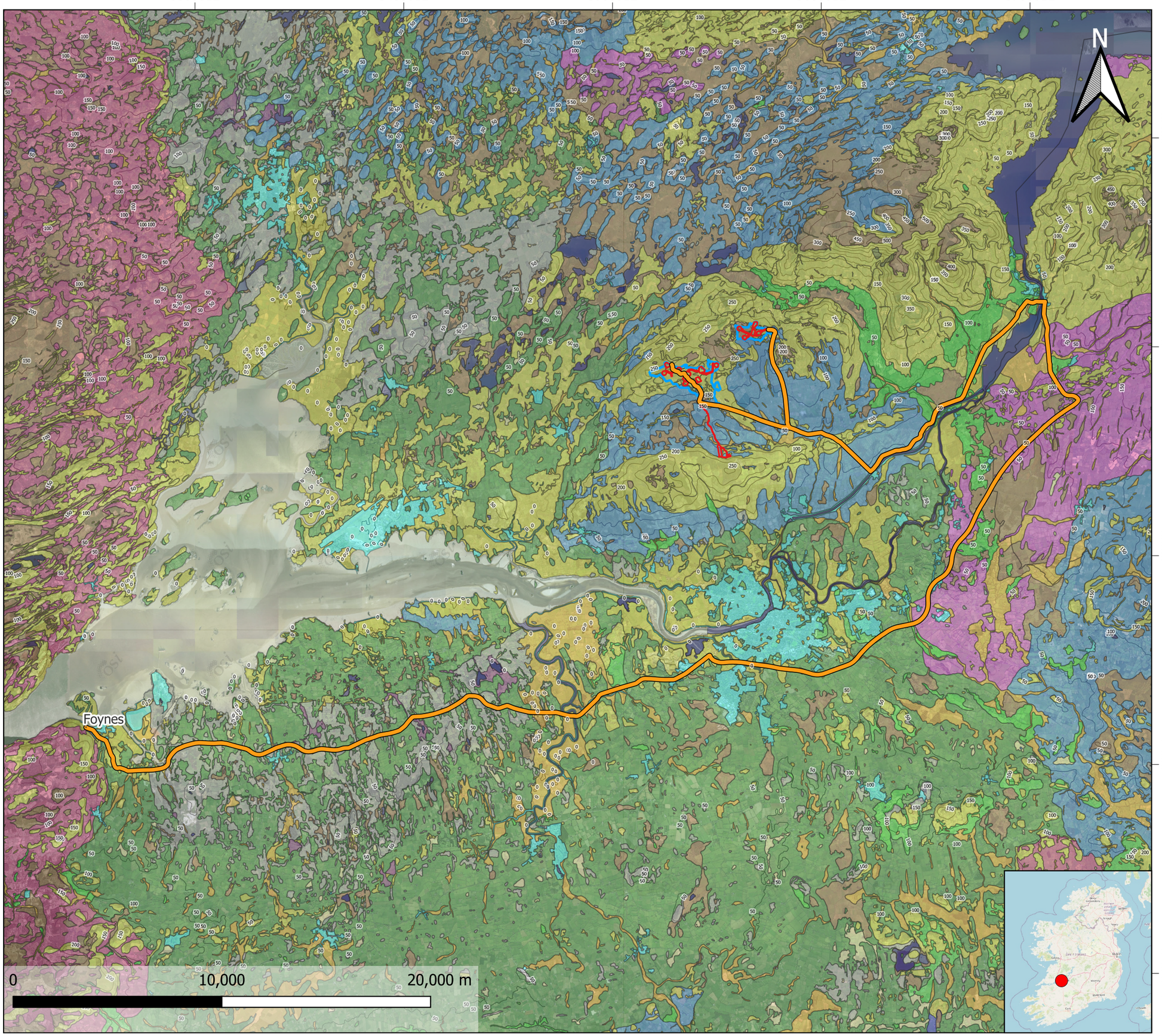
Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.6a Landslide Risk & Events Wind Farm - Tile 01 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- Metmast
- grading
- Drainage

Constraints

Geology

Landslide_Susceptibility

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

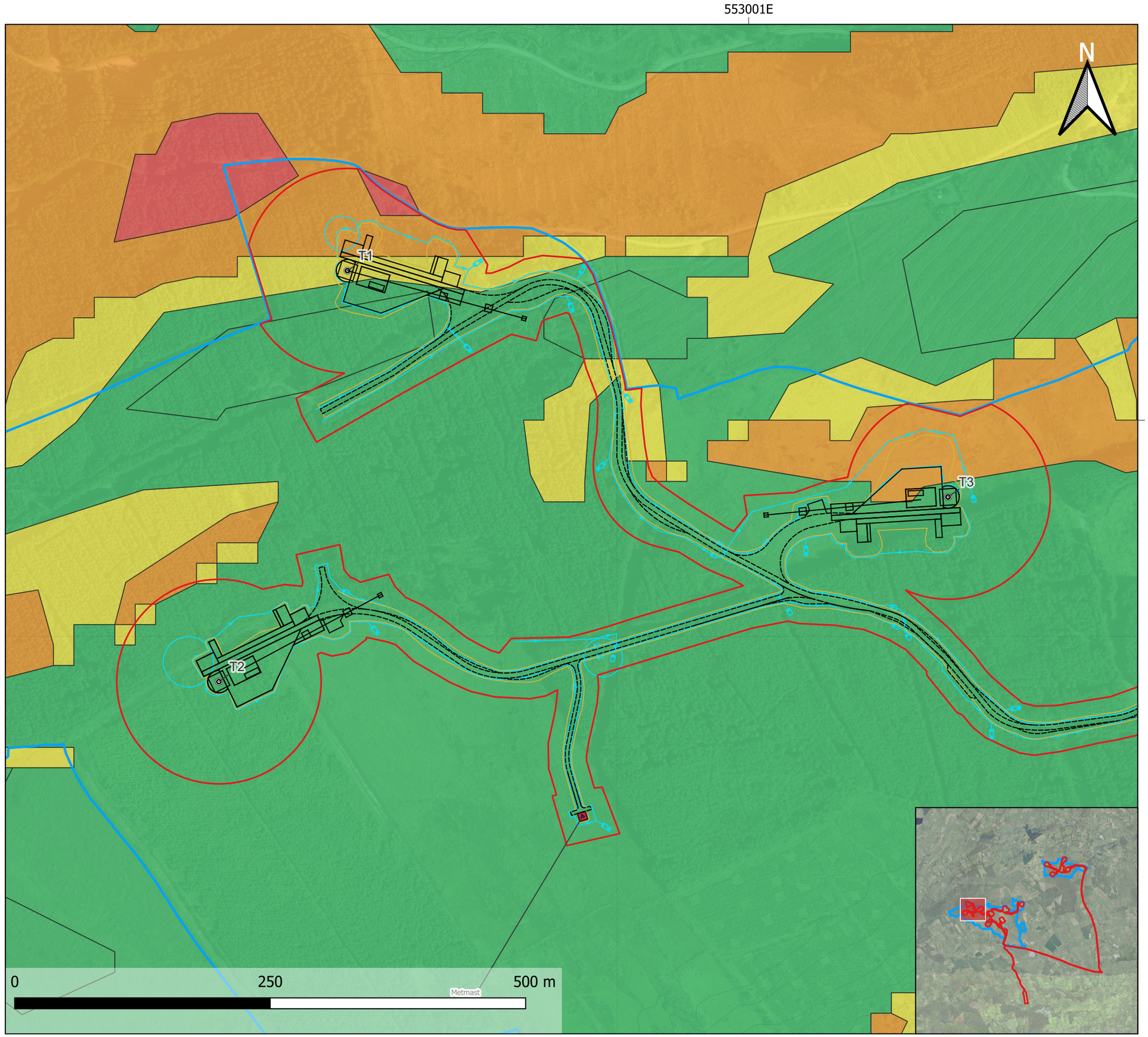
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.6a Landslide Risk & Events Wind Farm - Tile 02 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS
- CC Stockpile

Constraints

Geology

Landslide_Susceptibility

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

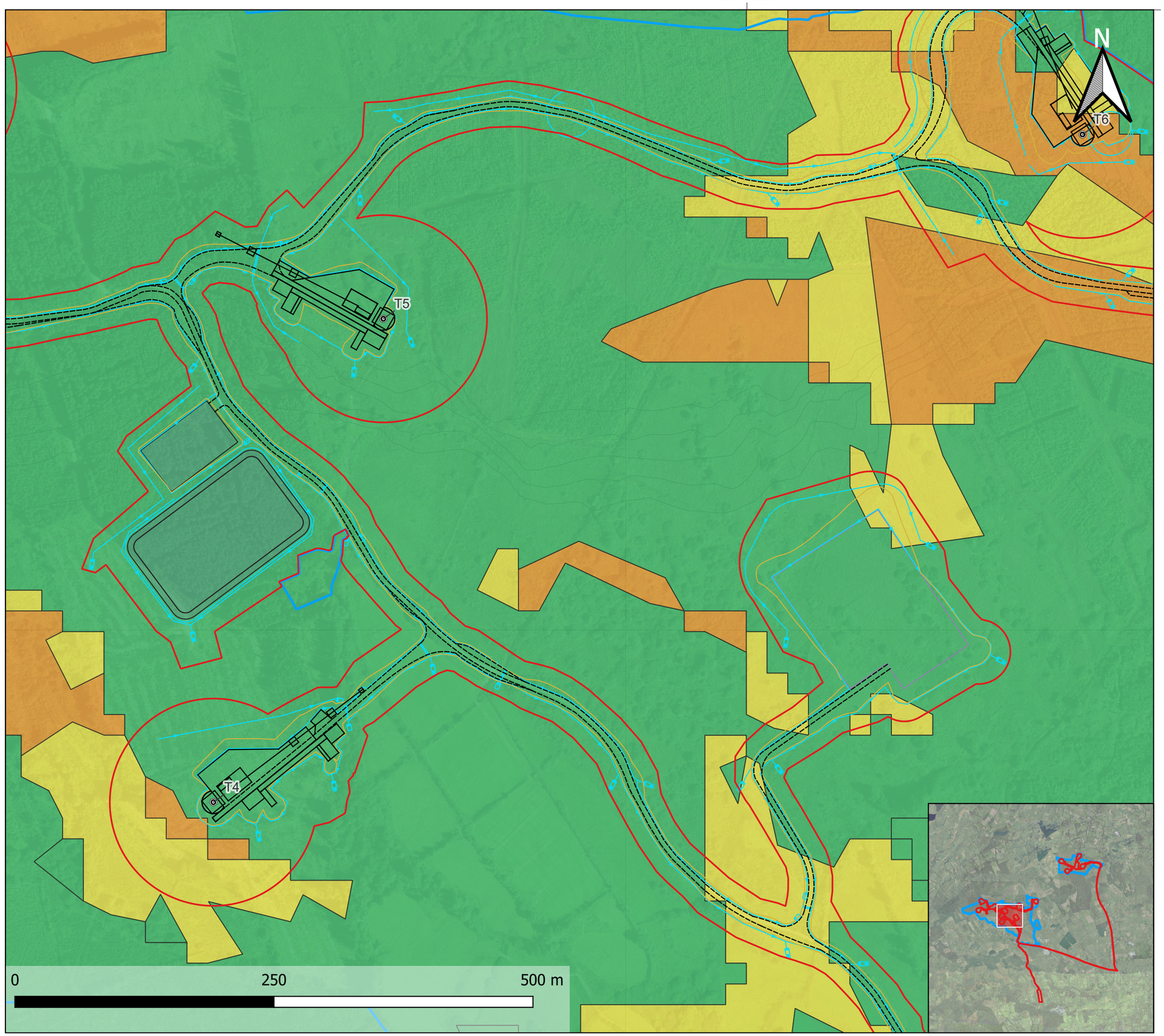
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.6a Landslide Risk & Events Wind Farm - Tile 03 WDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- Onsite SS

Constraints

Geology

Landslide_Susceptibility

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

Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.6a Landslide Risk & Events Wind Farm - Tile 04 EDA

Legend

Project related data

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

Constraints

Geology

Landslide_Susceptibility

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

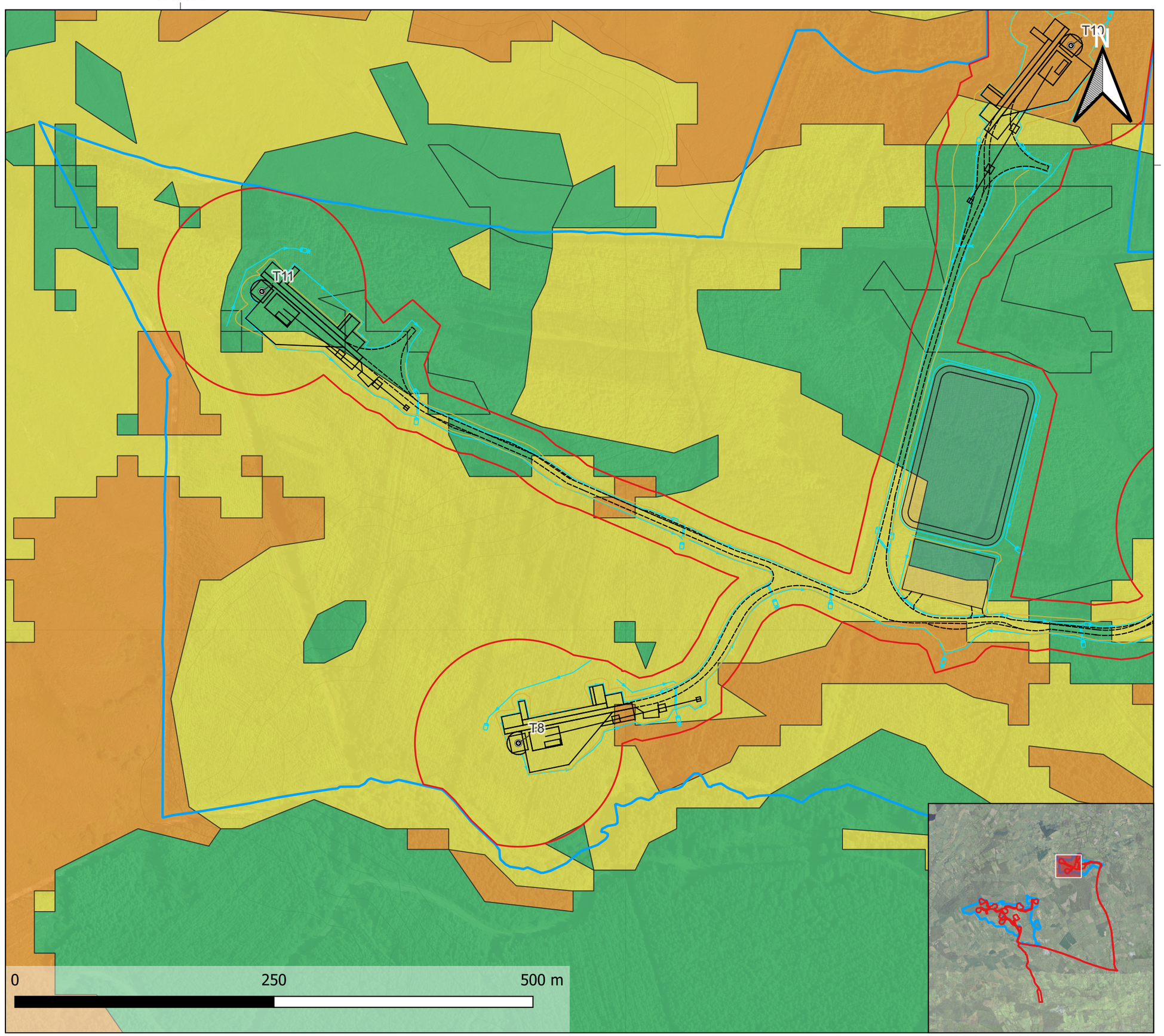
Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.6a Landslide Risk & Events Wind Farm - Tile 05 EDA

Legend

Project related data

Site Layout

Site Layout
- Red Line Boundary
- Blue Line Boundary

Wind Farm
- Access Tracks
- Turbine Hardstands
- Turbine Locations
- grading
- Drainage
- CC Stockpile

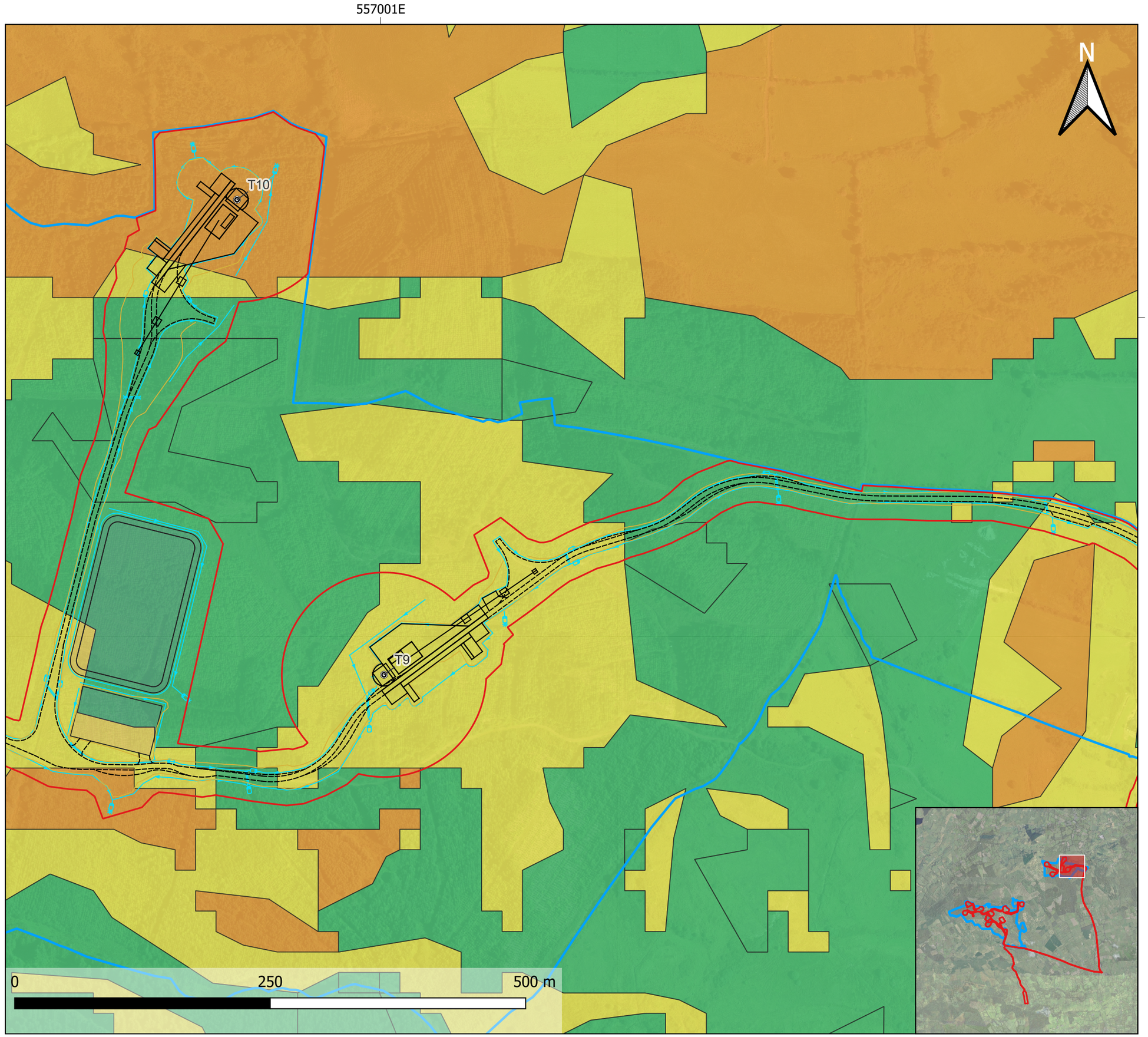
Constraints

Geology

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

Base Layers

ITM_National_High_Resolution_Imagery



Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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 puporses.

Figure - 10.6b Landslide Risk & Events GCR and IPP Overview

Legend

Project related data

Site Layout

Grid Connection

- GCR

IPP Alternate

- IPP

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

Landslide_Susceptibility

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

Topography

Contours

- 10m Elevation Contours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

552001E 553001E 554001E 555001E 556001E 557001E 558001E

671001N 670001N 669001N 668001N 667001N 666001N 665001N

N

0 250 500 m

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 puporses.

Figure - 10.6c Landslide Risk & Events
Turbine Delivery Overview

Legend

Project related data

Site Layout

Turbine Delivery Route

- TDR Route

Site Layout

- Red Line Boundary
- Blue Line Boundary

Constraints

Geology

Landslide_Susceptibility

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

Topography

Contours

- 50m Elevation Countours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
Drawn by	DW
Reviwed by	SK
Version	18/12/2023

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

RSK

530001E 540001E 550001E 560001E 570001E

680001N 670001N 660001N 650001N 640001N

N

Foynes

0 10,000 20,000 m

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 puporses.