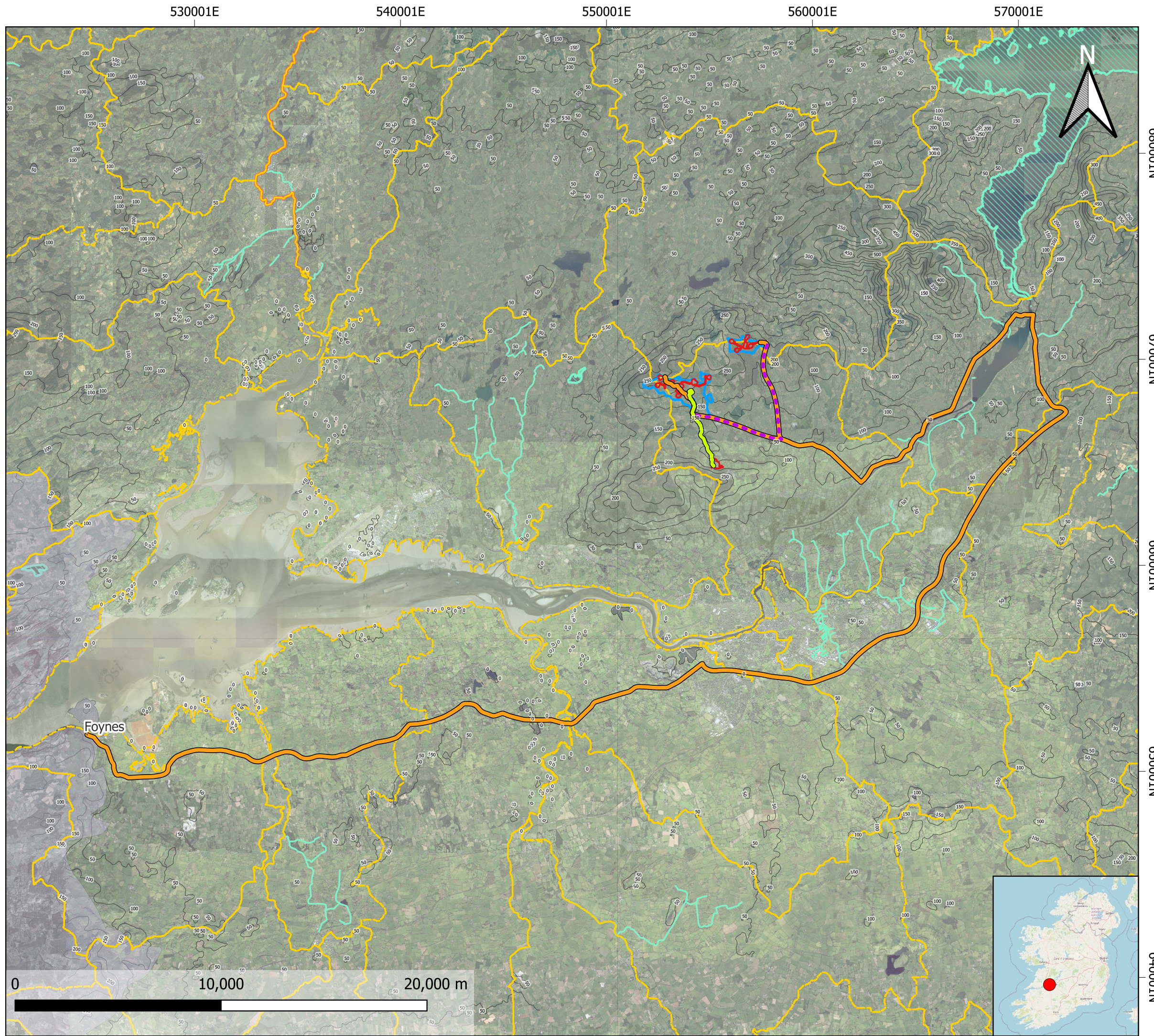


Figure 9.14 - Sensitive Receptor Areas Overview

- Legend**
- Project related data**
- Site Layout
 - Grid Connection
 - GCR
 - IPP Alternate
 - IPP
 - Turbine Delivery Route
 - TDR Route
 - Site Layout
 - Red Line Boundary
 - Blue Line Boundary
- Constraints**
- Hydrology**
- WFD_Subcatchments
- Topography**
- 50m Elevation Countours
- Base Layers**
- ITM_National_High_Resolution_Imagery
- Sensitive Receptors Areas**
- Groundwater in Shellfish Areas
 - Nutrient Sensitive Areas - Rivers - Latest Cycle
 - Shellfish Areas - Dec 2018
 - Salmonid River Regs (S.I. 293 only) - Latest Cycle
 - Drinking Water - Lakes - Latest Cycle
 - Drinking Water - Rivers - Latest Cycle

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

References/Sources:
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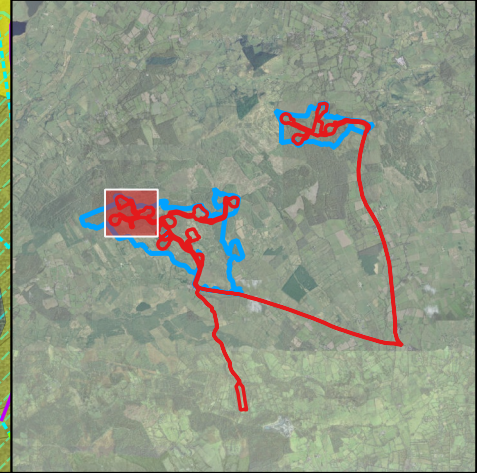
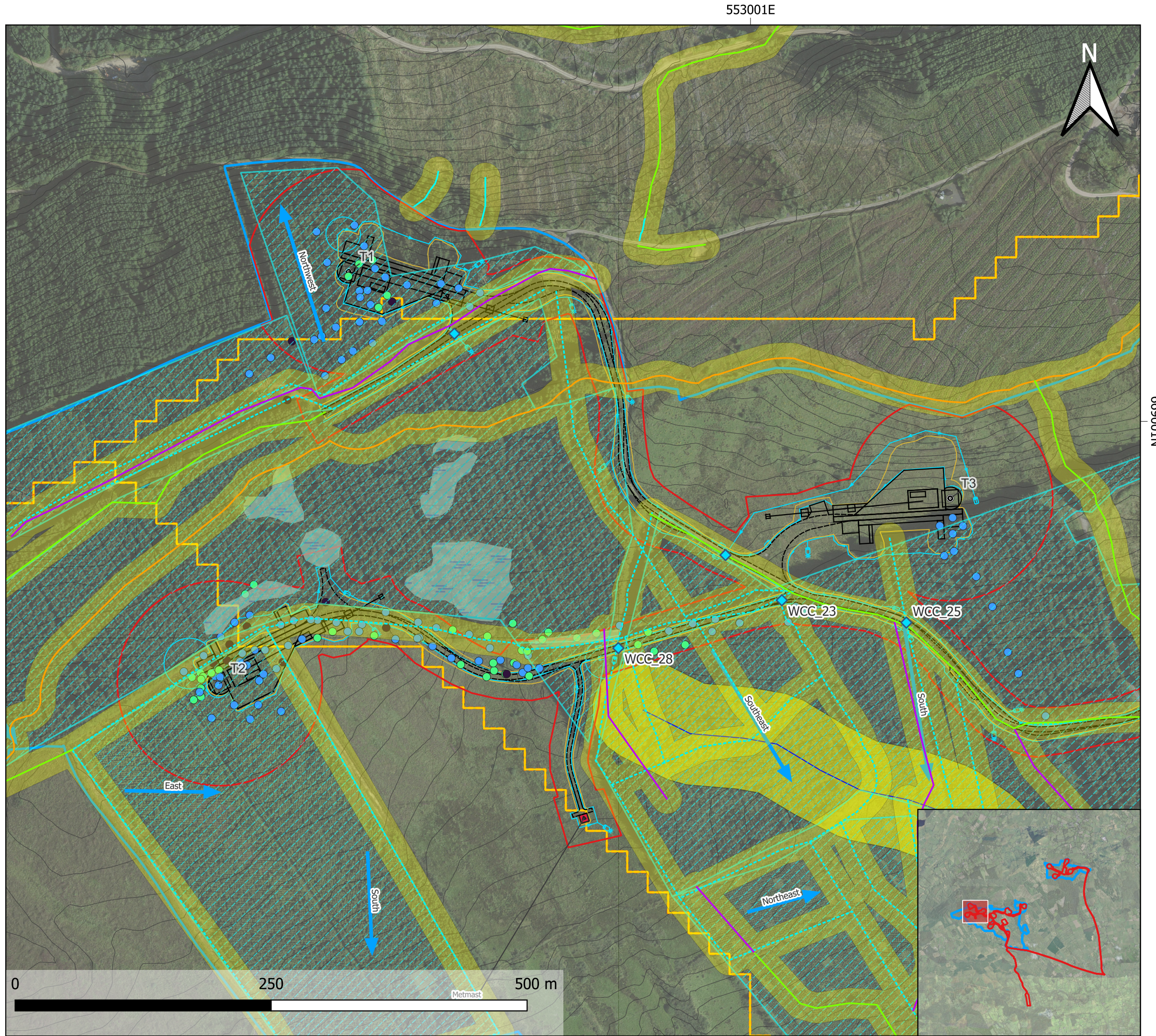
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Figure 9.15a - Constraints Map Wind Farm - Tile 01 WDA

- Legend**
- Project related data**
- Hydrology on site**
- Water Course Crossing**
- 604569_WCC
- Unmapped Drainages**
- Non-Mapped & Historic Drainage**
- Minor - Non-mapped Drainage Features (Observed)
 - Historically Mapped SW Features (Confirmed)
 - Non-mapped Drainage (Inferred)
 - Historically Mapped SW Features (Gone / Not Observed) (Forestry)
 - Drainage 15m Buffer
 - 604569_forest_drainage_flow_direction
- Drainage Areas**
- Oversaturated zone
 - Forest Drainage
- Survey and Stability Results**
- Peat database**
- 604569 Peat Database**
- A – Rock (0.00-0.01 m)
 - B – Very Shallow (0.01-0.5 m)
 - C – Shallow (0.5-2.0 m)
- Site Layout**
- Site Layout**
- Red Line Boundary
 - Blue Line Boundary
- Wind Farm**
- Access Tracks
 - Turbine Hardstands
 - Turbine Locations
 - Metmast
 - grading
 - Drainage
- Constraints**
- Hydrology**
- 604569 Surface Water 50m Buffer
 - WFD_RiverSubBasins_Cycle3
 - WFD_RiverWaterbodiesActive_Cycle3
- Topography**
- Contours**
- DTM_2m_Contours
- Base Layers**
- ITM_National_High_Resolution_Imagery

Project ID	604569
Project Name	Oatfield Wind Farm, Co. Clare
Projection	ITM
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Revised by	SK
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References/Sources:
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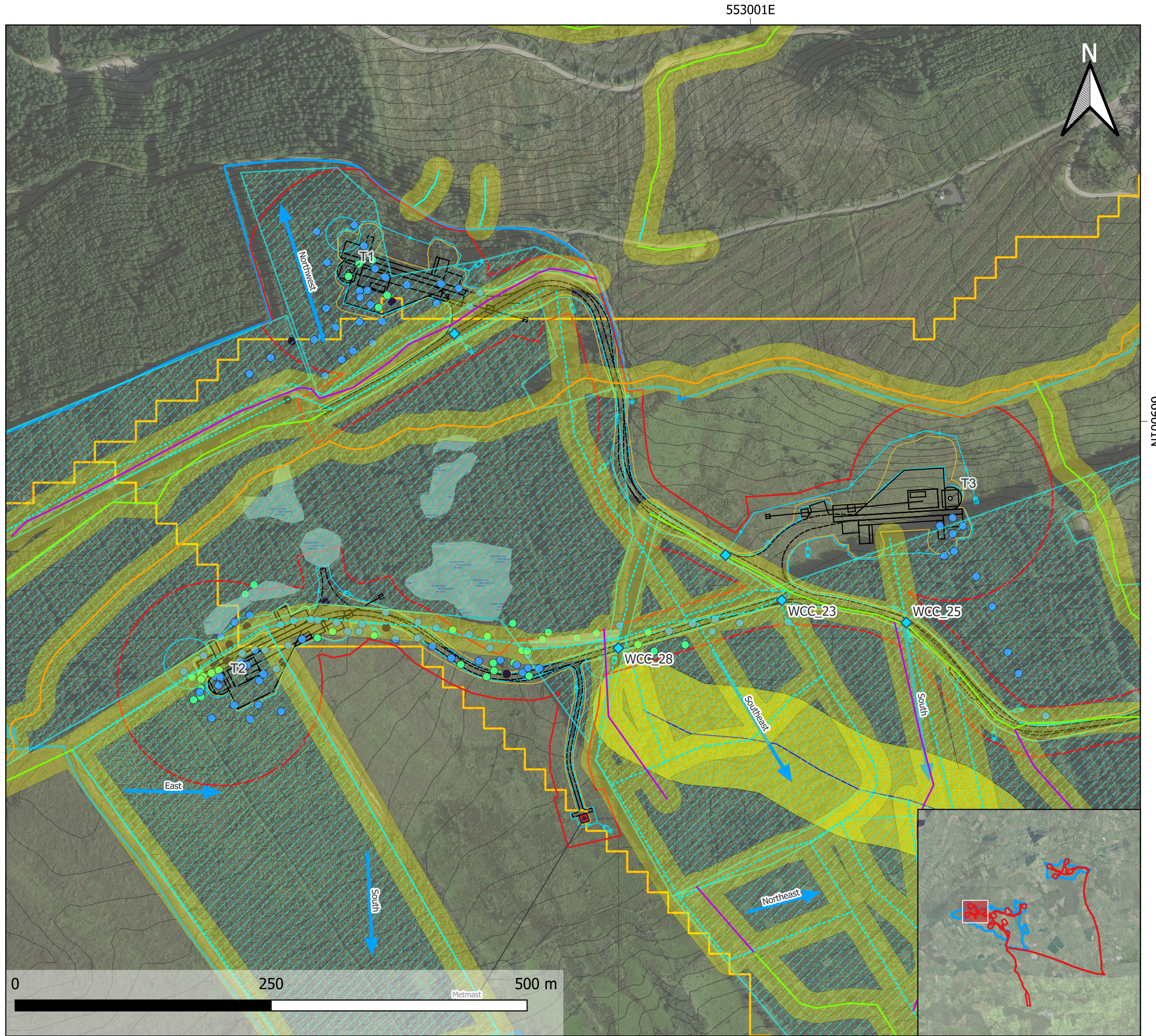
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Figure 9.15a - Constraints Map Wind Farm - Tile 01 WDA

- Legend**
- Project related data**
- Hydrology on site**
- Water Course Crossing**
- 604569_WCC
- Unmapped Drainages**
- Non-Mapped & Historic Drainage**
- Minor - Non-mapped Drainage Features (Observed)
 - Historically Mapped SW Features (Confirmed)
 - Non-mapped Drainage (Inferred)
 - Historically Mapped SW Features (Gone / Not Observed) (Forestry)
 - Drainage 15m Buffer
 - 604569_forest_drainage_flow_direction
- Drainage Areas**
- Oversaturated zone
 - Forest Drainage
- Survey and Stability Results**
- Peat database**
- 604569 Peat Database**
- A – Rock (0.00-0.01 m)
 - B – Very Shallow (0.01-0.5 m)
 - C – Shallow (0.5-2.0 m)
- Site Layout**
- Site Layout**
- Red Line Boundary
 - Blue Line Boundary
- Wind Farm**
- Access Tracks
 - Turbine Hardstands
 - Turbine Locations
 - Metmast
 - grading
 - Drainage
- Constraints**
- Hydrology**
- 604569 Surface Water 50m Buffer
 - WFD_RiverSubBasins_Cycle3
 - WFD_RiverWaterbodiesActive_Cycle3
- Topography**
- Contours**
- DTM_2m_Contours
- Base Layers**
- ITM_National_High_Resolution_Imagery

Project ID	604569
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Figure 9.15a - Constraints Map Wind Farm - Tile 02 WDA

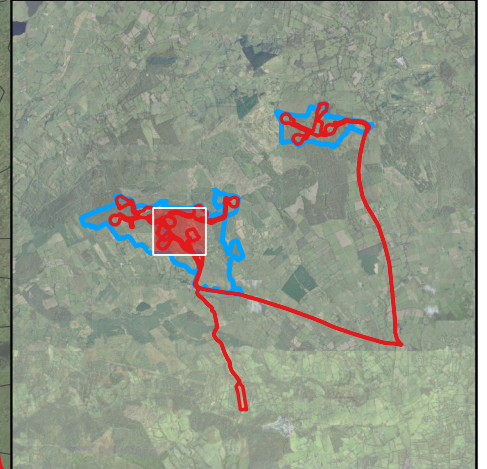
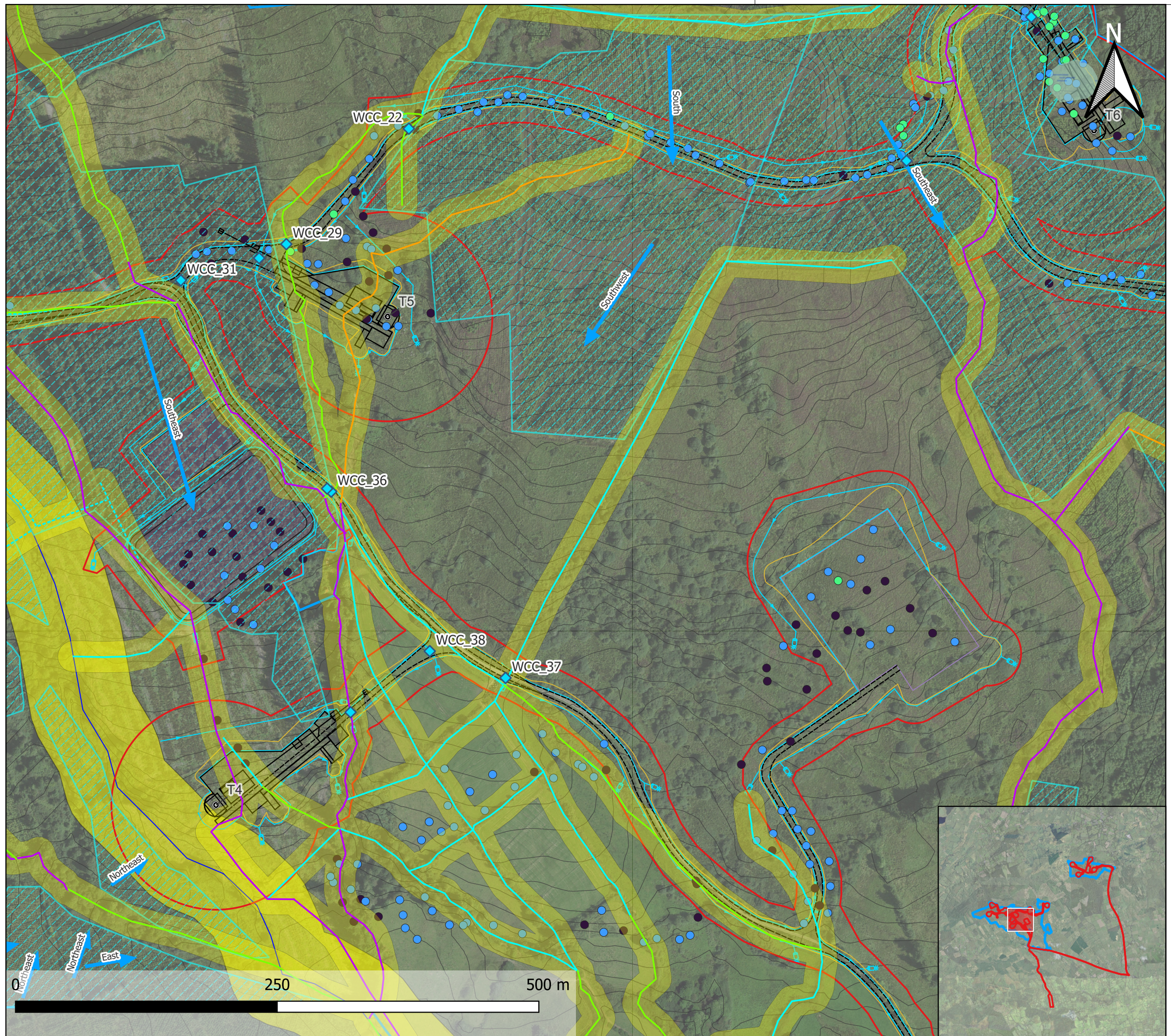
554001E

669001N

- Legend**
- Project related data**
- Hydrology on site**
- Water Course Crossing**
- 604569_WCC
- Unmapped Drainages**
- Non-Mapped & Historic Drainage**
- Minor - Non-mapped Drainage Features (Observed)
 - Historically Mapped SW Features (Confirmed)
 - Non-mapped Drainage (Inferred)
 - Historically Mapped SW Features (Gone / Not Observed) (Forestry)
- Drainage 15m Buffer**
- 604569_forest_drainage_flow_direction**
- Drainage Areas**
- Oversaturated zone
 - Forest Drainage
- Survey and Stability Results**
- Peat database**
- 604569 Peat Database**
- A - Rock (0.00-0.01 m)
 - B - Very Shallow (0.01-0.5 m)
 - C - Shallow (0.5-2.0 m)
- 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**
- Hydrology**
- 604569 Surface Water 50m Buffer
 - WFD_RiverSubBasins_Cycle3
 - WFD_RiverWaterbodiesActive_Cycle3
- Topography**
- Contours**
- DTM_2m_Contours
- Base Layers**
- ITM_National_High_Resolution_Imagery

Project ID	604569
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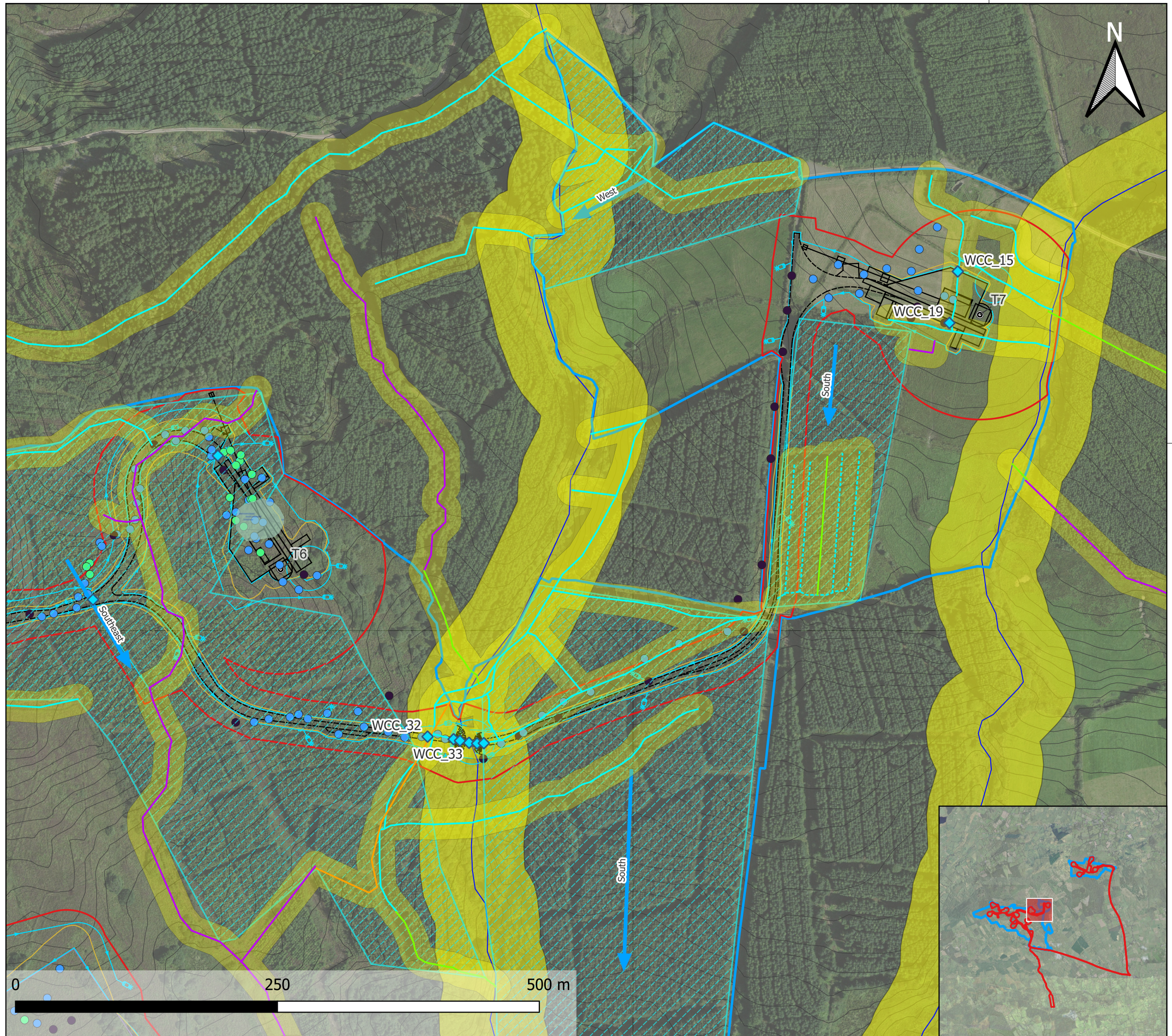
Figure 9.15a - Constraints Map Wind Farm - Tile 03 WDA

555001E

- Legend**
- Project related data**
- Hydrology on site**
- Water Course Crossing**
- 604569_WCC
- Unmapped Drainages**
- Non-Mapped & Historic Drainage**
- Minor - Non-mapped Drainage Features (Observed)
 - Historically Mapped SW Features (Confirmed)
 - Non-mapped Drainage (Inferred)
 - Historically Mapped SW Features (Gone / Not Observed) (Forestry)
- Drainage 15m Buffer**
- 604569_forest_drainage_flow_direction**
- Drainage Areas**
- Oversaturated zone
 - Forest Drainage
- Survey and Stability Results**
- Peat database**
- 604569 Peat Database**
- A – Rock (0.00-0.01 m)
 - B – Very Shallow (0.01-0.5 m)
 - C – Shallow (0.5-2.0 m)
- Site Layout**
- Site Layout**
- Red Line Boundary
 - Blue Line Boundary
- Wind Farm**
- Access Tracks
 - Turbine Hardstands
 - Turbine Locations
 - grading
 - Drainage
 - Onsite SS
- Constraints**
- Hydrology**
- 604569 Surface Water 50m Buffer
 - WFD_RiverSubBasins_Cycle3
 - WFD_RiverWaterbodiesActive_Cycle3
- Topography**
- Contours**
- DTM_2m_Contours
- Base Layers**
- ITM_National_High_Resolution_Imagery

Project ID	604569
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Projection	ITM
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Revised by	SK
Version	18/12/2023

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669001N

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Figure 9.15a - Constraints Map Wind Farm - Tile 04 EDA

Legend

Project related data

Hydrology on site

Water Course Crossing

- 604569_WCC

Unmapped Drainages

Non-Mapped & Historic Drainage

- Minor - Non-mapped Drainage Features (Observed)
- Historically Mapped SW Features (Confirmed)
- Non-mapped Drainage (Inferred)
- (Forestry)

Drainage 15m Buffer

604569_forest_drainage_flow_direction

Drainage Areas

- Forest Drainage

Survey and Stability Results

Peat database

604569 Peat Database

- A - Rock (0.00-0.01 m)
- B - Very Shallow (0.01-0.5 m)
- C - Shallow (0.5-2.0 m)
- D - Moderately Deep (2.0-3.5m)
- E - Deep (3.5-5.0 m)

Site Layout

Site Layout

- Red Line Boundary
- Blue Line Boundary

Wind Farm

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

Constraints

Hydrology

- 604569 Surface Water 50m Buffer
- WFD_RiverSubBasins_Cycle3
- WFD_RiverWaterbodiesActive_Cycle3

Designated Areas

- NHA_ITM_2019_06

Topography

Contours

- DTM_2m_Contours

Base Layers

ITM_National_High_Resolution_Imagery

Project ID	604569
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Projection	ITM
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Revised by	SK
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References/Sources:

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- Global Digital Elevation Model (GDEM)



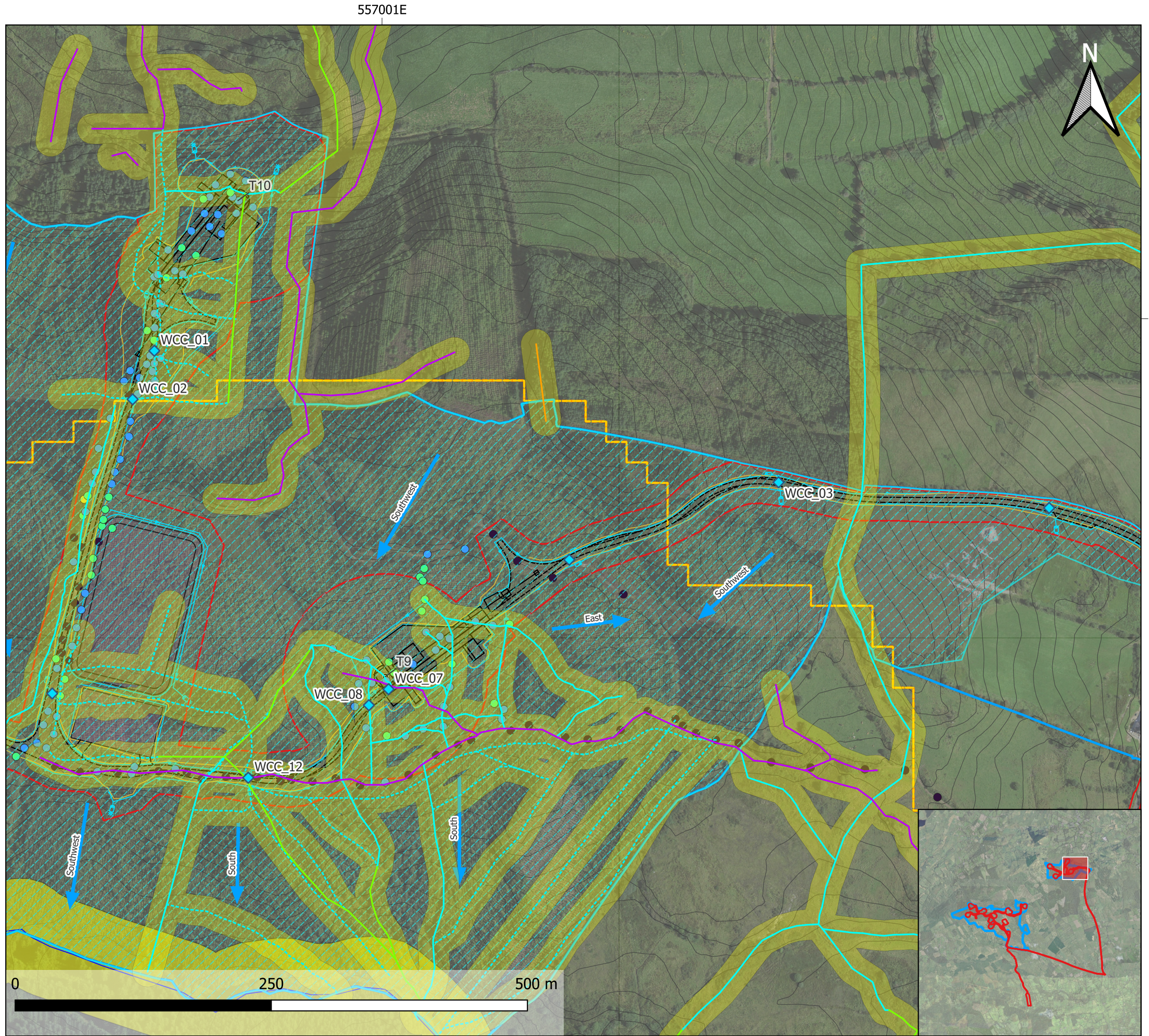
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Figure 9.15a - Constraints Map Wind Farm - Tile 05 EDA

- Legend**
- Project related data**
- Hydrology on site**
- Water Course Crossing**
- 604569_WCC
- Unmapped Drainages**
- Non-Mapped & Historic Drainage**
- Minor - Non-mapped Drainage Features (Observed)
 - Historically Mapped SW Features (Confirmed)
 - Non-mapped Drainage (Inferred)
 - Historically Mapped SW Features (Gone / Not Observed) (Forestry)
- Drainage 15m Buffer**
- 604569_forest_drainage_flow_direction**
- Drainage Areas**
- Forest Drainage
- Survey and Stability Results**
- Peat database**
- 604569 Peat Database**
- A - Rock (0.00-0.01 m)
 - B - Very Shallow (0.01-0.5 m)
 - C - Shallow (0.5-2.0 m)
 - D - Moderately Deep (2.0-3.5m)
- Site Layout**
- Site Layout**
- Red Line Boundary
 - Blue Line Boundary
- Wind Farm**
- Access Tracks
 - Turbine Hardstands
 - Turbine Locations
 - grading
 - Drainage
 - CC Stockpile
- Constraints**
- Hydrology**
- 604569 Surface Water 50m Buffer
 - WFD_RiverSubBasins_Cycle3
 - WFD_RiverWaterbodiesActive_Cycle3
- Topography**
- Contours**
- DTM_2m_Contours
- Base Layers**
- ITM_National_High_Resolution_Imagery

Project ID	604569
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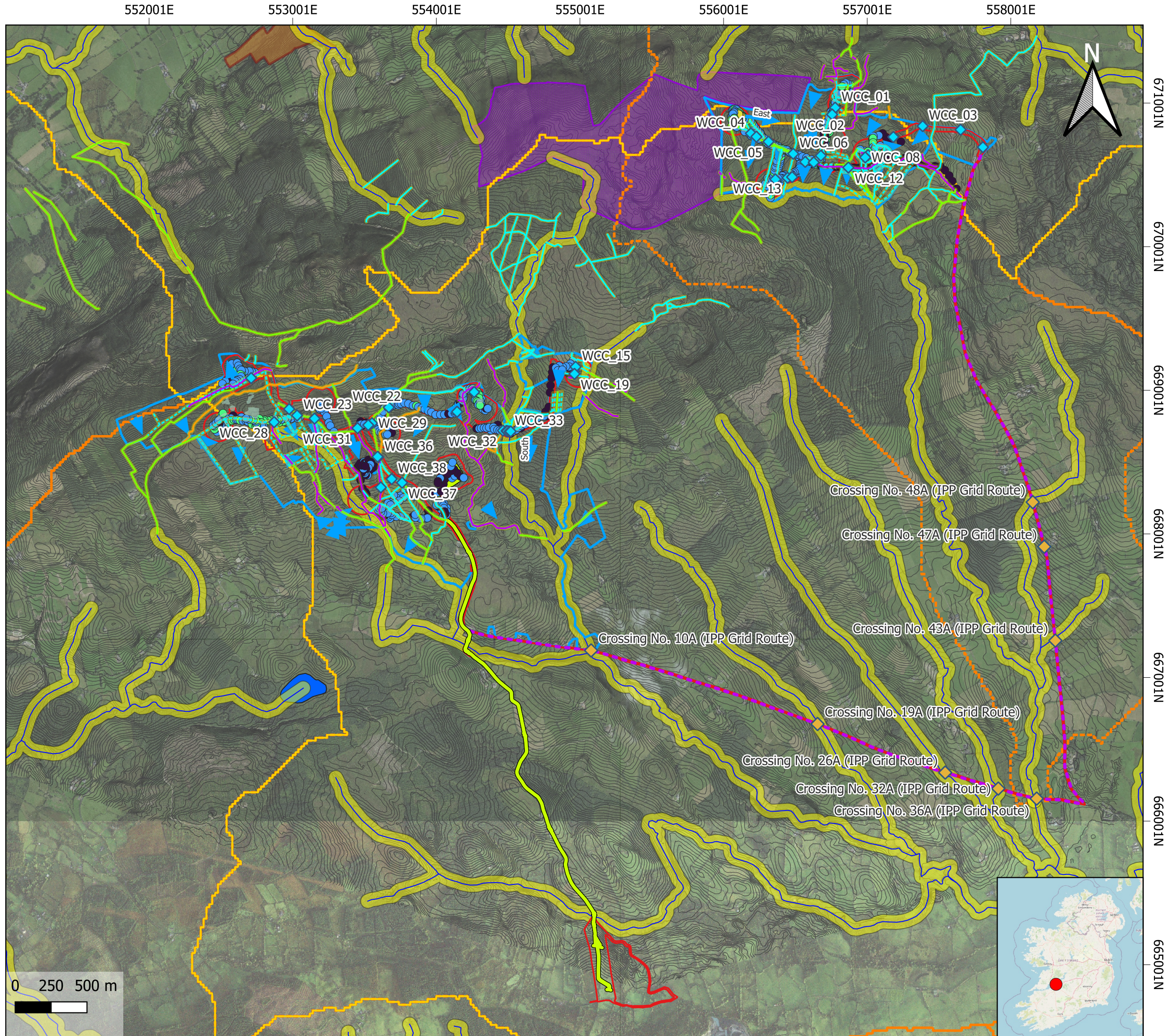
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Figure 9.15b - Constraints GCR and IPP

- Legend**
- Project related data**
- Hydrology on site**
- Water Course Crossing**
- 604569_Crossing_fromreport_20231108
- Watercourse
 - 604569_WCC_corrections_202312014
- Unmapped Drainages**
- Non-Mapped & Historic Drainage**
- Minor - Non-mapped Drainage Features (Observed)
 - Historically Mapped SW Features (Confirmed)
 - Non-mapped Drainage (Inferred)
 - Historically Mapped SW Features (Gone / Not Observed)
 - (Forestry)
- Drainage 15m Buffer**
- 604569_forest_drainage_flow_direction
- Drainage Areas**
- Oversaturated zone
- Survey and Stability Results**
- Peat database**
- 604569 Peat Database
- A – Rock (0.00-0.01 m)
 - B – Very Shallow (0.01-0.5 m)
 - C – Shallow (0.5-2.0 m)
 - D – Moderately Deep (2.0-3.5m)
 - E – Deep (3.5-5.0 m)
- Site Layout**
- Grid Connection**
- GCR
 - IPP Alternate
 - IPP
- Site Layout**
- Red Line Boundary
 - Blue Line Boundary
- Constraints**
- Hydrology**
- 604569 Surface Water 50m Buffer
 - WFD_LakeSegment
 - WFD_RiverSubBasins_Cycle3
 - WFD_RiverWaterbodiesActive_Cycle3
- Designated Areas**
- NHA_ITM_2019_06
 - SAC_ITM_2023_02
- Topography**
- Contours**
- DTM_2m_Contours
- Base Layers**
- ITM_National_High_Resolution_Imagery

Project ID	604569
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