

EIAR Figure 9.8 (c)

Gortyrahilly Wind Farm, Co. Cork

Development Constraints (NW)

Legend

Development Layout

WF

Ancillary

Proposed Turbine Locations

Proposed Borrow Pits

Site_Entrances

Proposed On-Site Substation

Proposed Met Mast

Settlement Ponds

Proposed Culverts

Existing Watercourse Crossings

Existing Culverts

603679 GWF Redline Boundary

Site Infrastructure

UGC

Under Ground Cable (UGC)

Hydrology

WFD River Waterbodies

Site Drainage

Site Drainage

Significant Drain

Minor Drain

Deep Eroded Drainage Channel

15 m Drainage Buffer

50m SW Buffer

Geology

Landslide_Susceptibility

High

Base Maps

OpenStreetMap

Project: Gortyrahilly Wind Farm

Projection: ITM

Drawn by: Sven K.

Version: 05/04/2022

References/Sources:

Environmental Protection Agency (EPA)

Geological Services Ireland (GSI)

Bing Aerial / GeoHive / Open Street Map / Google Roads

GDEM Elevation Contours

Fehily Timoney (2019) Surrounding Wind Turbines and Wind Energy Designs

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.

Scale:

0

0.1

0.2 km

Minerex

Environmental

RSK

This map illustrates the development constraints and infrastructure for the Gortyrahilly Wind Farm in County Cork. The map features a complex network of drainage channels, including significant drains (blue), minor drains (light blue), and deep eroded drainage channels (orange). A dense network of yellow lines represents the 15m and 50m drainage buffers. The map also shows the locations of proposed wind turbines (T7, T8, T9, T10, T11, T12), a proposed substation, a proposed met mast, and settlement ponds. Existing culverts (Ex.Culv-01 to Ex.Culv-12) and watercourse crossings (Ex.SWC-05) are marked. The map includes a legend, project information, references, and a scale bar. A north arrow is located in the top right corner.