

Environmental Impact Assessment Report

Keerglen Wind Farm, Co. Mayo

Volume 3 Figures



ABO Energy Ireland Ltd

August 2024

Note:

The EIAR comprises five volumes. Volume 1 of this EIAR contains a Non-Technical Summary, which gives a brief non-specialist outline of the project. Volume 2 of the EIAR contains the main text of the EIAR. Volume 3 contains the figures associated with the various sections in Volume 1 and 2, these should be referred to where noted. Volume 5 contains landscape photomontages associated with Chapter 10. The appendices are contained in Volume 4.

Cover Photograph: MacroWorks (2024) *Montage of proposed Keerglen Wind Farm*

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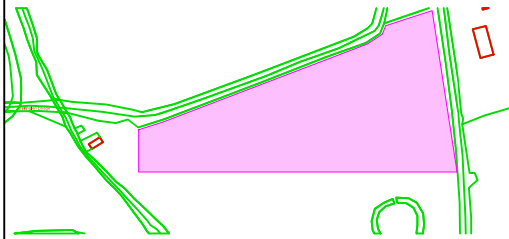
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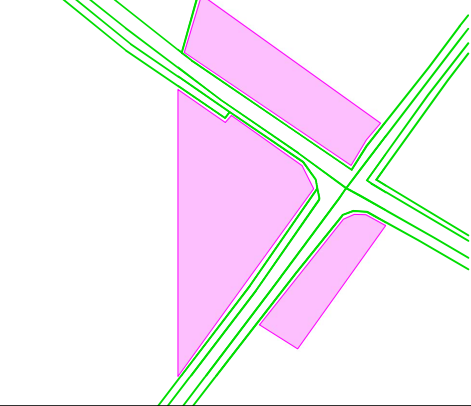
Chapter 18

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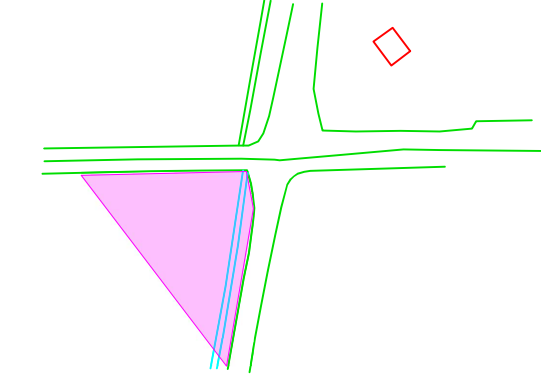
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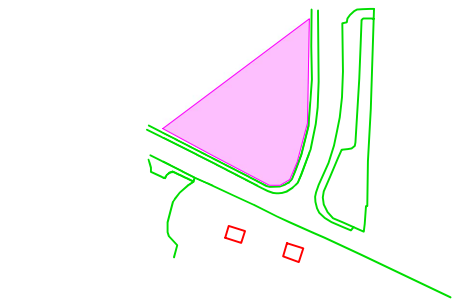
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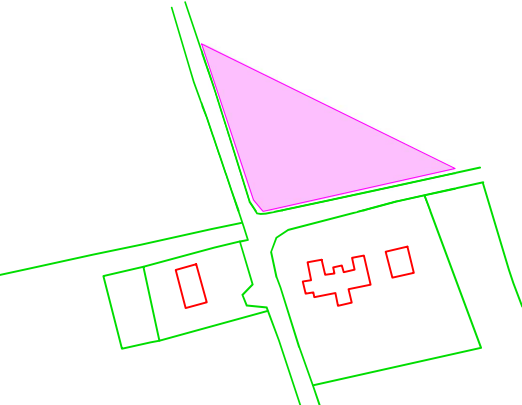
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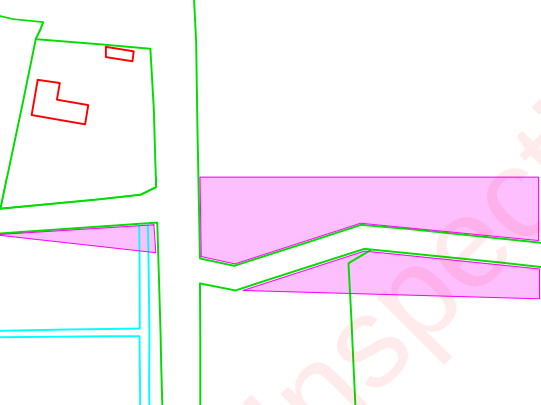
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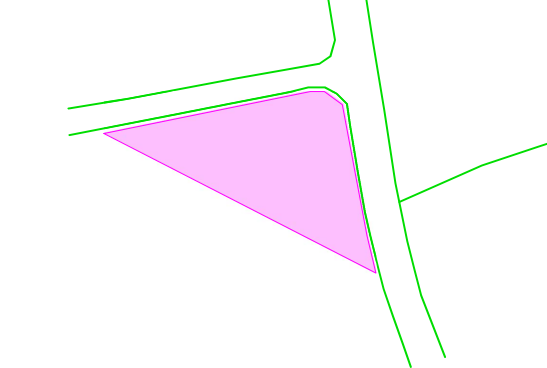
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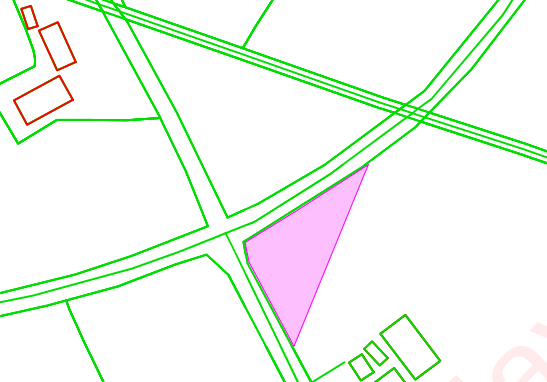
INSET MAP 6 - Scale 1 / 2500



INSET MAP 7 - Scale 1 / 2500



INSET MAP 8 - Scale 1 / 2500





Key:

Windfarm Site

Delivery Route

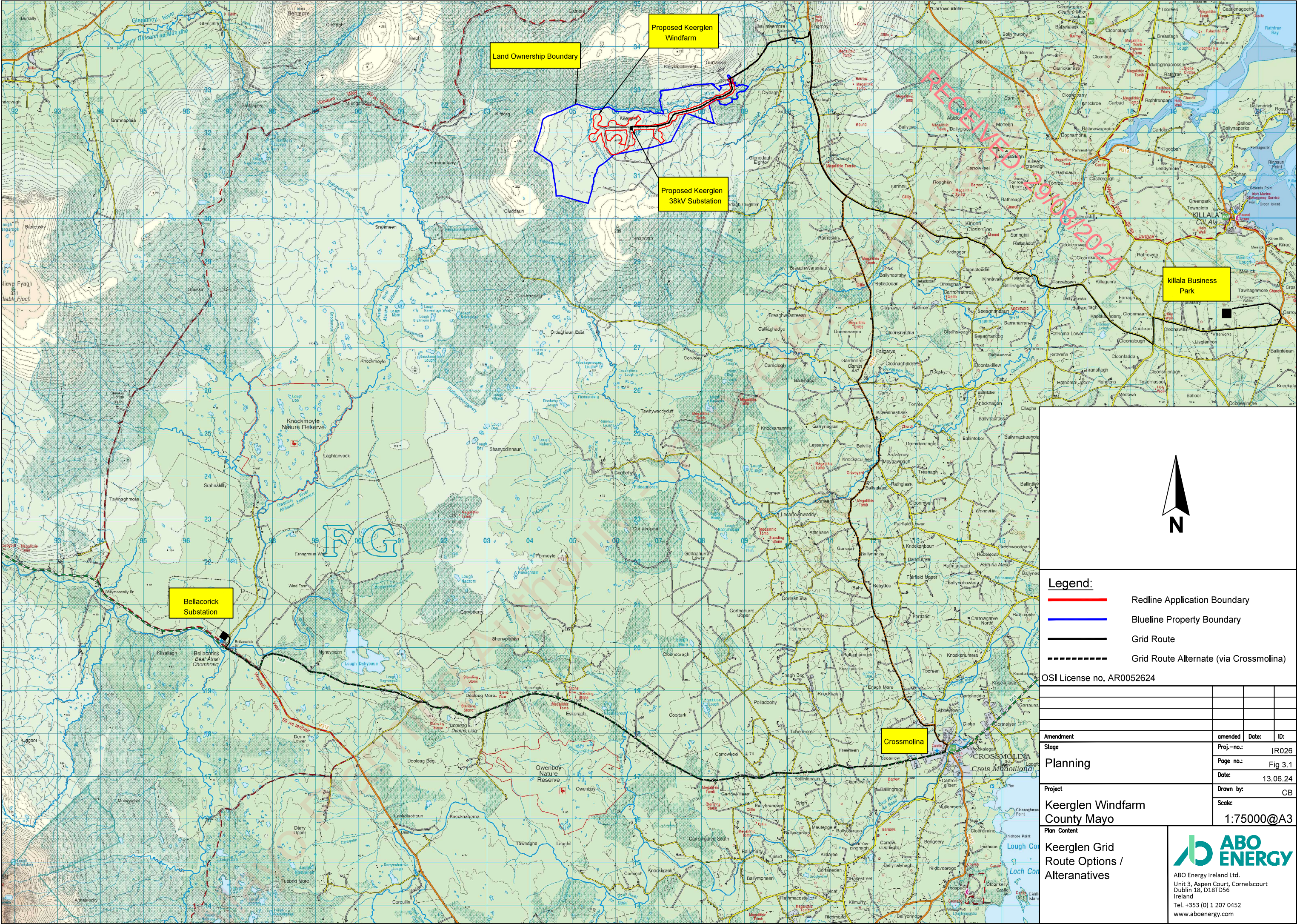
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Stage	Proj.-no.: IR_026		
Planning	Page no.: Fig 1.2		
	Date: 13.06.24		
Project	Drawn by: CB		
Keerglen Windfarm	Scale:		
Co. Mayo	1:300000@A3		

Plan Content

Wider EIA Study Area



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- Legend:**
- Redline Application Boundary
 - Blueline Property Boundary
 - Grid Route
 - Grid Route Alternate (via Crossmolina)

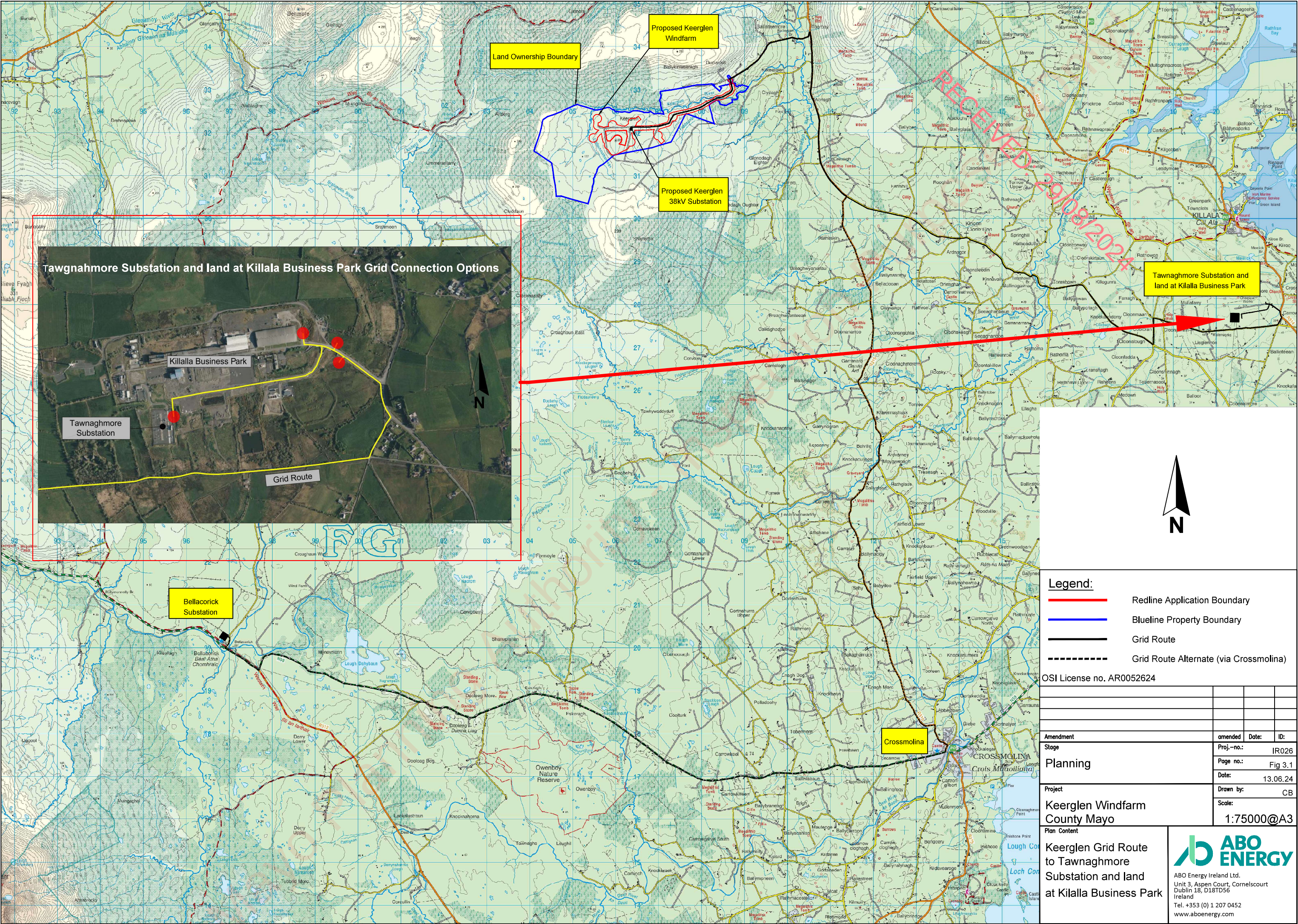
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Planning	Page no.:		Fig 3.1
	Date:		13.06.24
project	Drawn by:		CE
Keerglen Windfarm County Mayo	Scale:		
	1:75000@A3		

Keerglen Grid
Route Options /
Alternatives



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www.aboenergy.com



Legend:

- Redline Application Boundary
- Blueline Property Boundary
- Grid Route
- Grid Route Alternate (via Crossmolina)

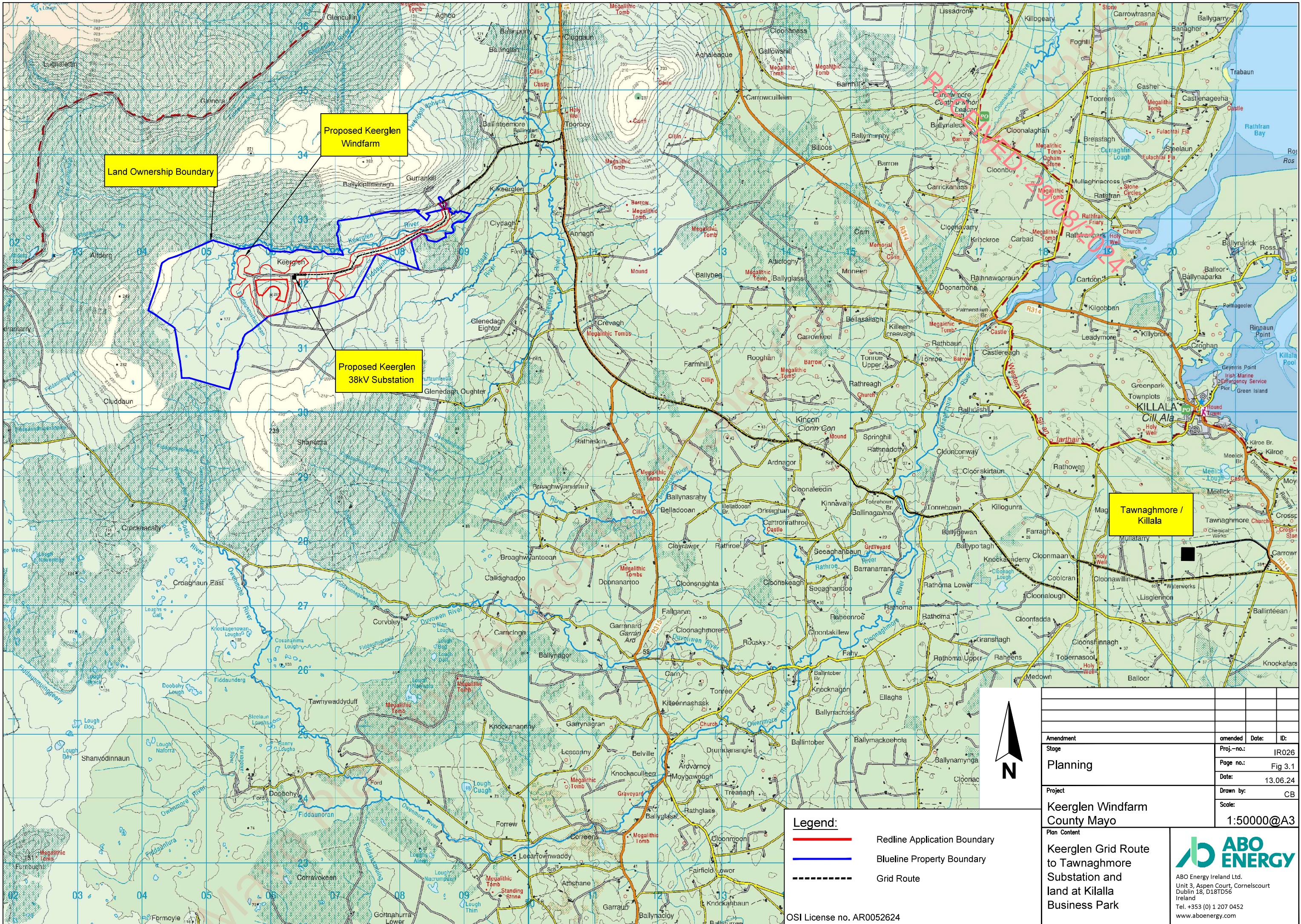
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Planning	Page no.:	Fig 3.1	
	Date:	13.06.24	
Project	Keerglen Windfarm	Drawn by:	CB
	County Mayo	Scale:	1:75000@A3
	Plan Content		

Keerglen Grid Route
to Tawnaghmore
Substation and land
at Kilalla Business Park



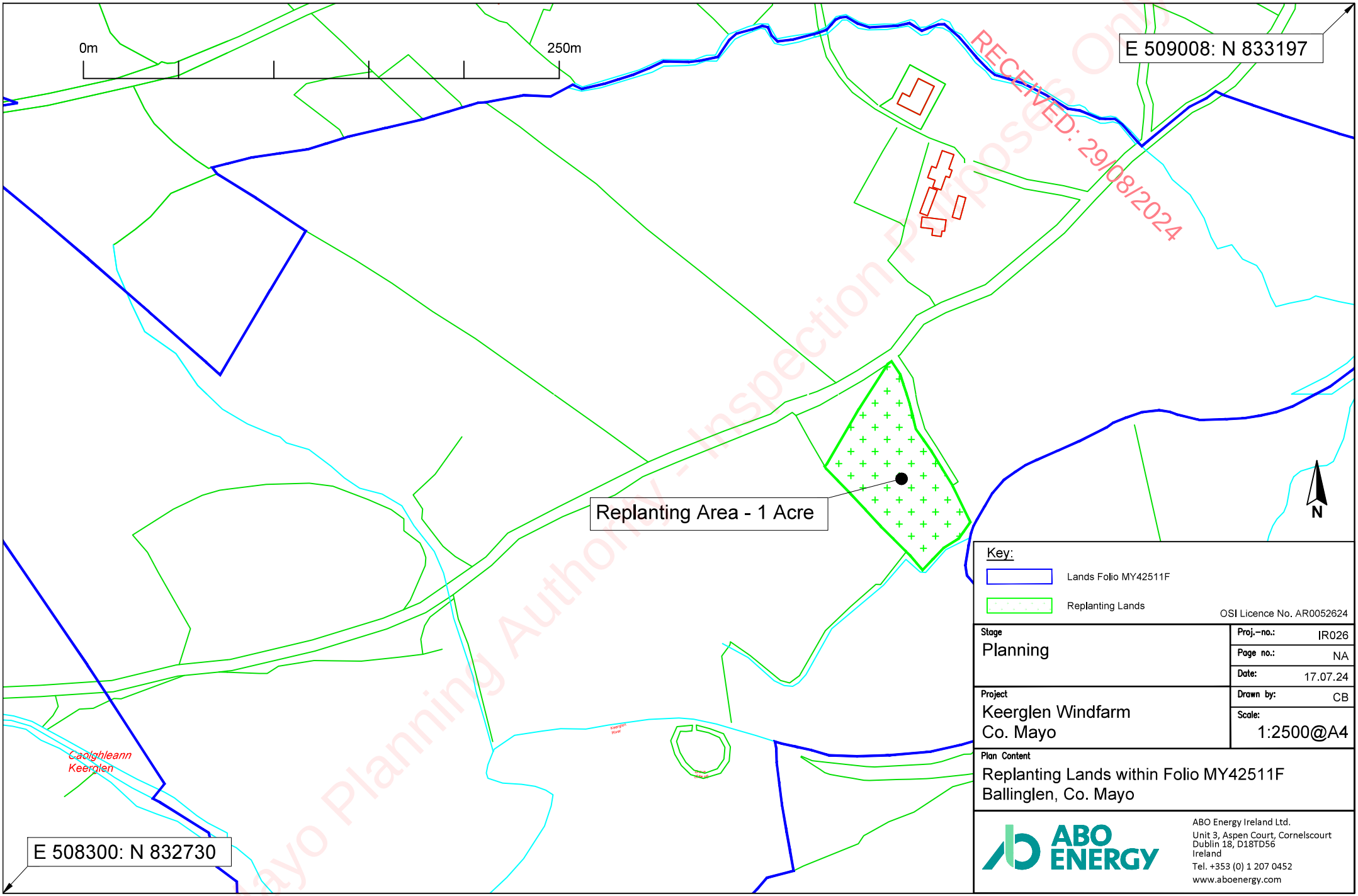
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- Legend:**
- Redline Application Boundary
 - Blueline Property Boundary
 - Grid Route

Amendment				amended	Date:	ID:
Stage				Proj.-no.:	IR026	
Planning				Page no.:	Fig 3.1	
				Date:	13.06.24	
Project				Drawn by:	CB	
Keerglen Windfarm County Mayo				Scale:	1:50000@A3	
Plan Content						
Keerglen Grid Route to Tawnaghmore Substation and land at Killala Business Park						
						
ABO Energy Ireland Ltd. Unit 3, Aspen Court, Cornelscourt Dublin 18, D18TD56 Ireland Tel. +353 (0) 1 207 0452 www.aboenergy.com						





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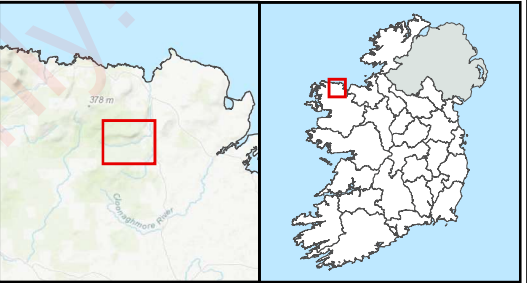
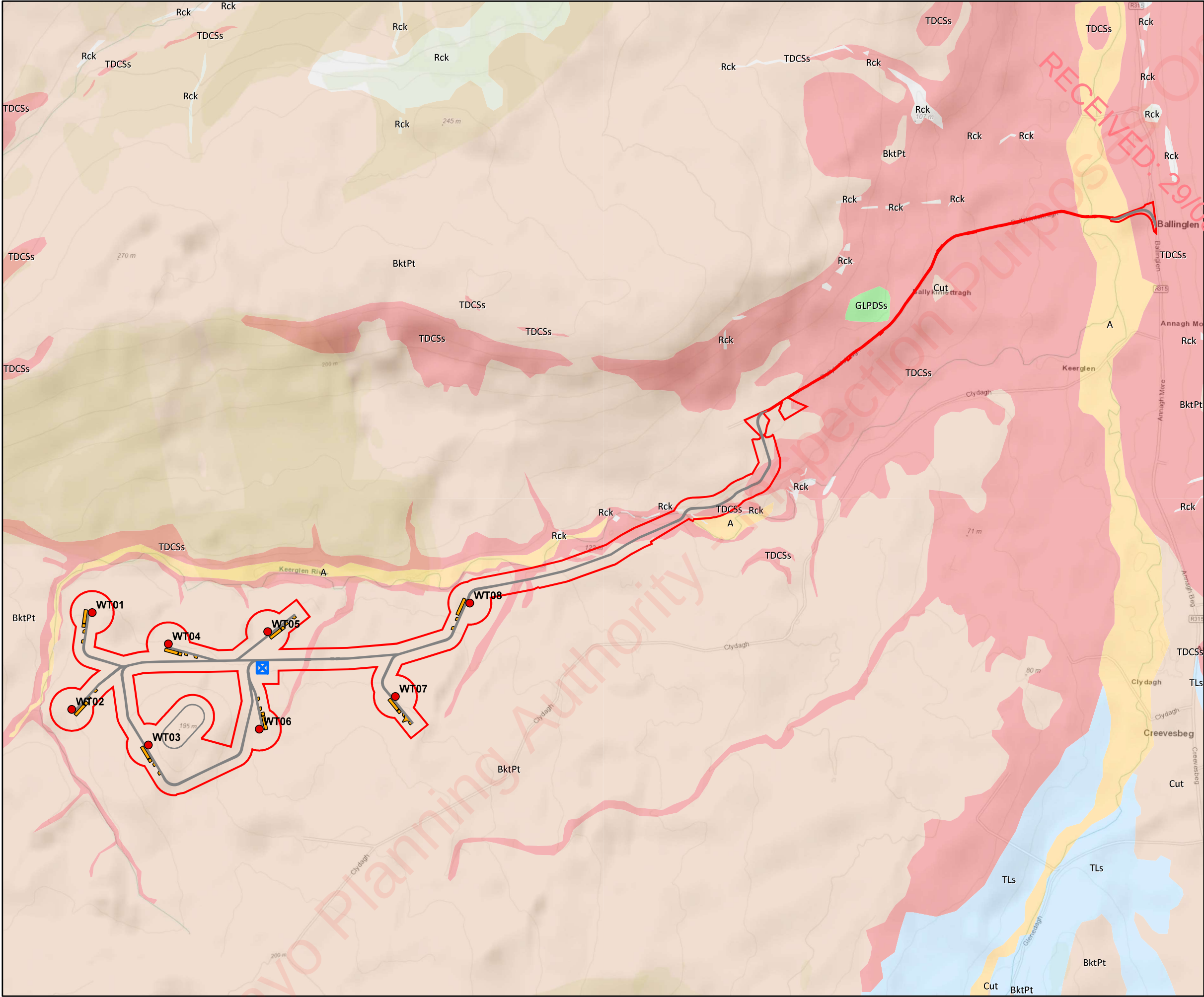
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- Replanting Lands

OSI Licence No. AR0052624

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	Date: 17.07.24
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Plan Content Replanting Lands within Folio MY42511F Ballinglen, Co. Mayo	



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Legend

- Proposed Site Boundary
- Proposed Hardstanding
- Proposed Roads
- Proposed Substation
- Proposed Turbine Locations

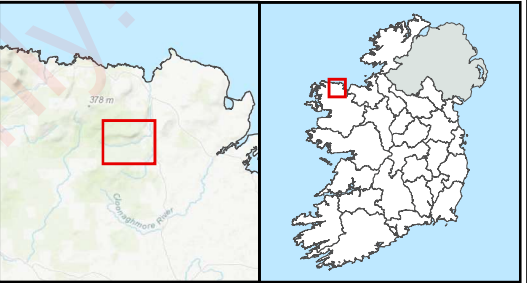
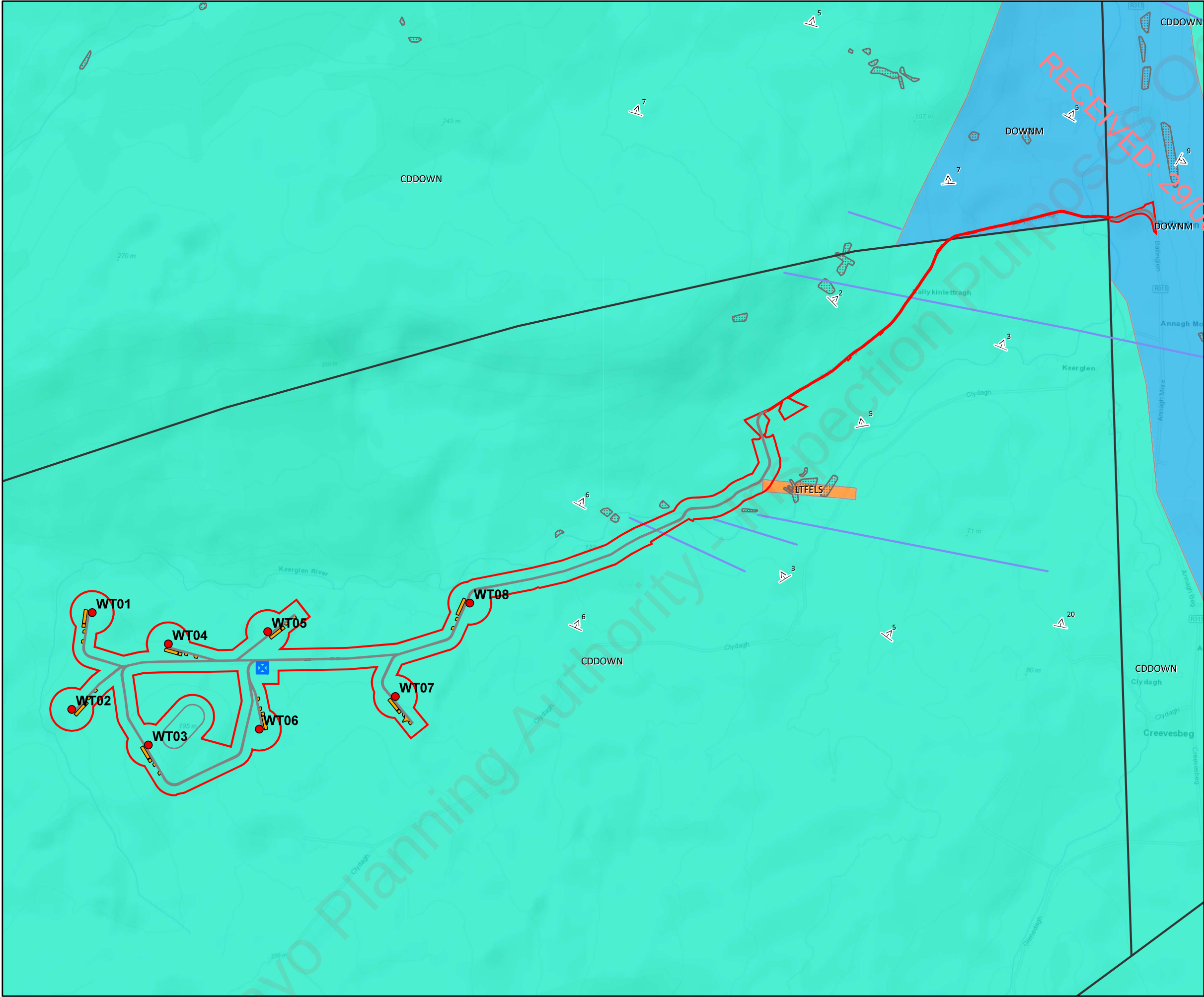
Quaternary Sediments

- A, Alluvium
- BktPt, Blanket Peat
- Cut, Cut over raised peat
- GLPDSSs, Gravels derived from Lower Palaeozoic and Devonian sandstones
- Rck, Bedrock outcrop or subcrop
- TDCSs, Till derived from Devonian and Carboniferous sandstones
- TLs, Till derived from limestones

TITLE:		Quaternary Geology	
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FIGURE NO:		8.1	
CLIENT:		ABO Energy Ireland Ltd.	
SCALE:	1:17,500	REVISION:	0
DATE:	07/06/2024	PAGE SIZE:	A3

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Legend

- Proposed Site Boundary
- Proposed Hardstanding
- Proposed Roads
- Proposed Substation
- Proposed Turbine Locations

Bedrock Geology

- Downpatrick Formation
- Moyny Point Limestone Member
- Felsite
- Bedrock Outcrop

Stratigraphic and Structural Linework

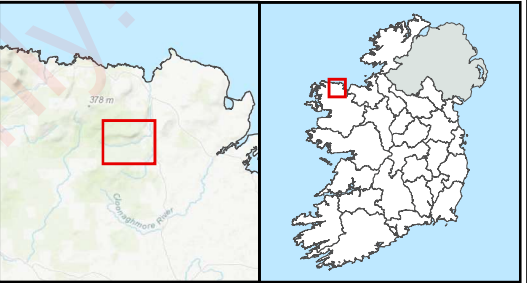
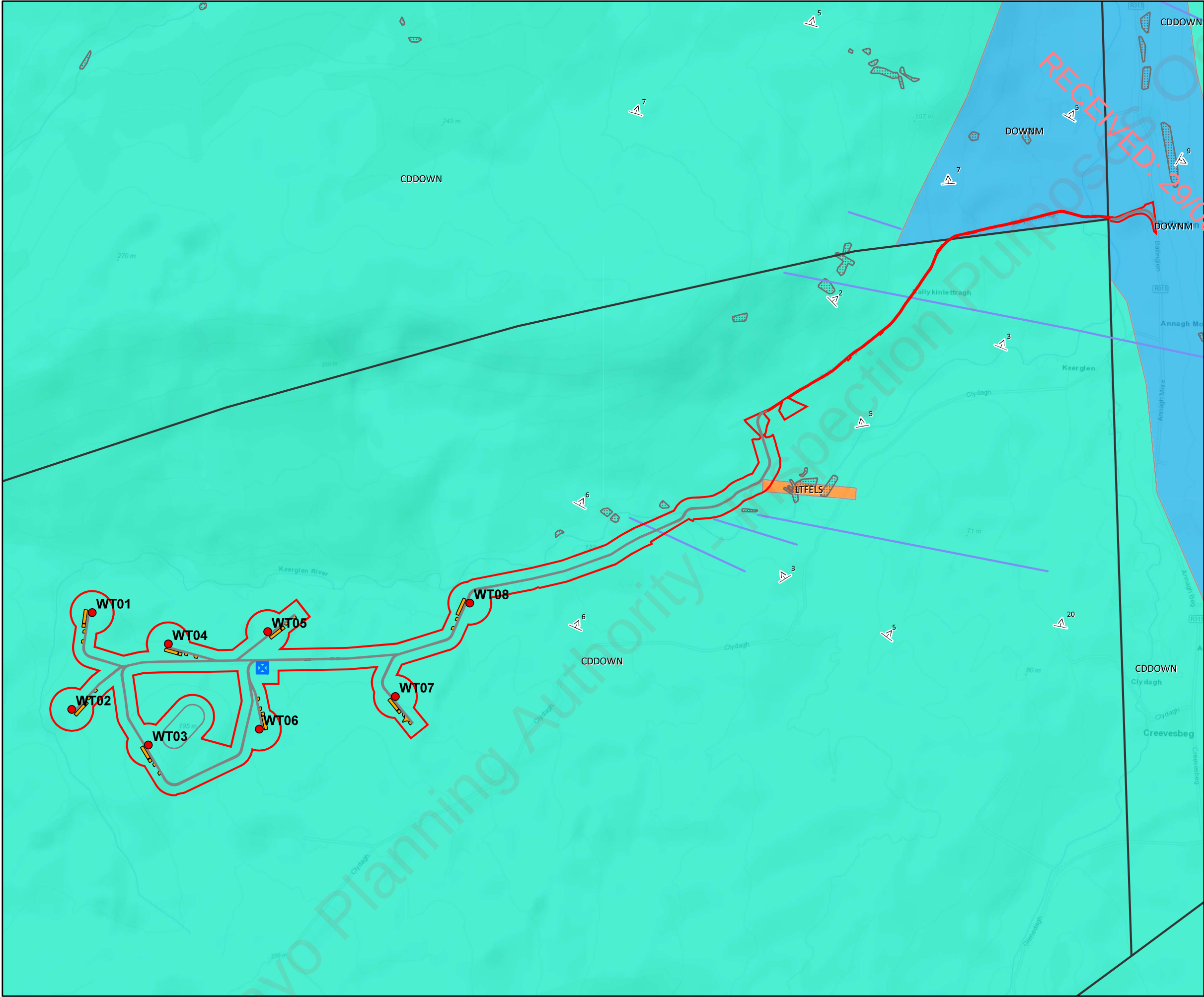
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- Fault

Bedrock Structural Symbols

- Strike and dip of bedding, right way up

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FIGURE NO:		8.2	
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DATE:	07/06/2024	PAGE SIZE:	A3





Legend

- Proposed Site Boundary
- Proposed Hardstanding
- Proposed Roads
- Proposed Substation
- Proposed Turbine Locations

Bedrock Geology

- Downpatrick Formation
- Moyny Point Limestone Member
- Felsite
- Bedrock Outcrop

Stratigraphic and Structural Linework

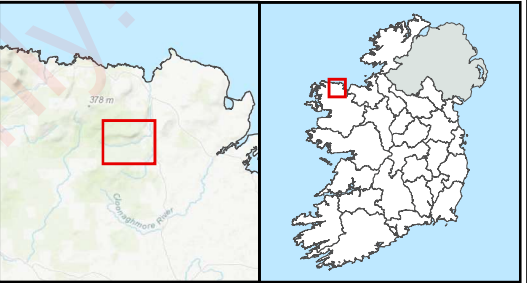
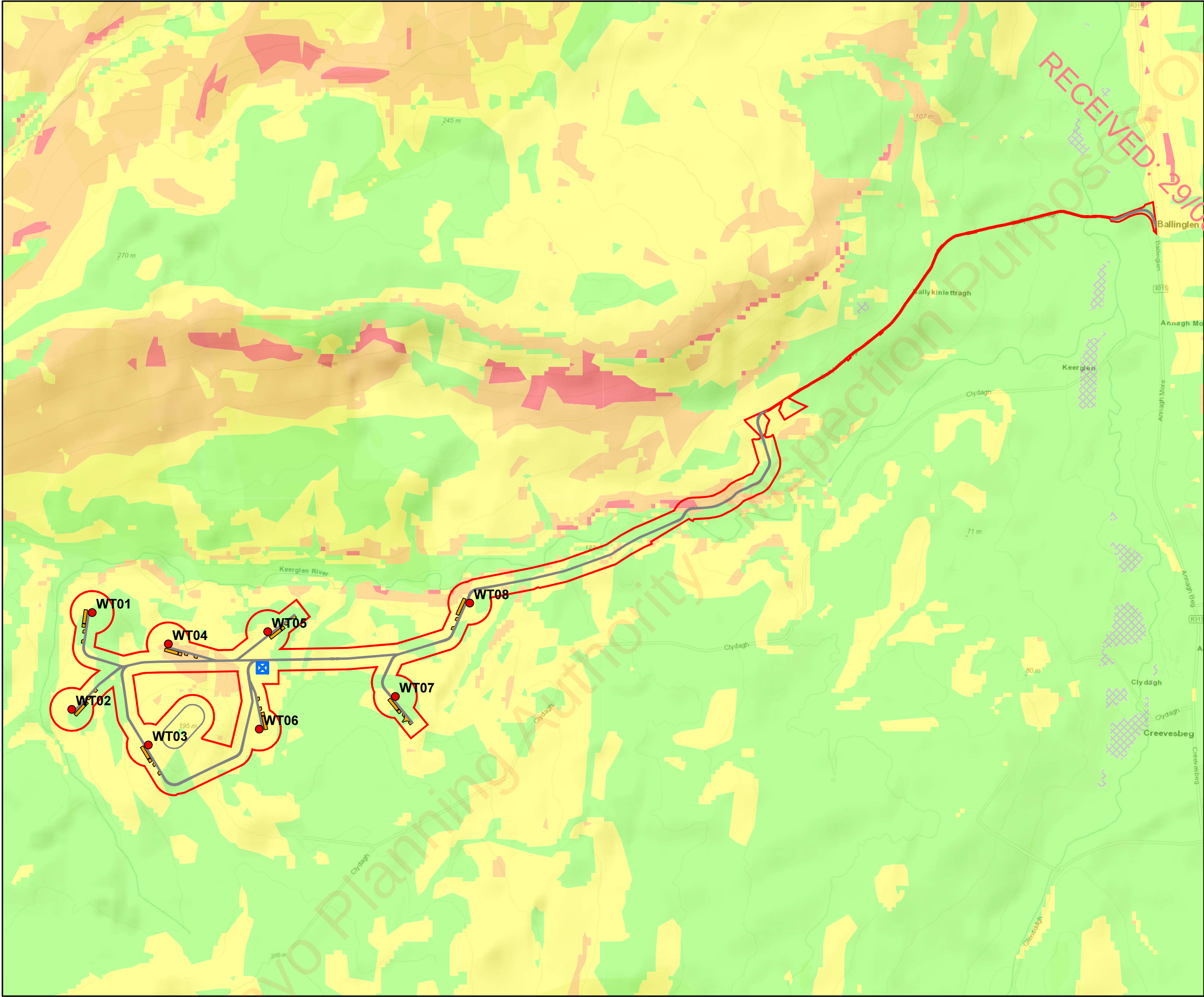
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- Fault

Bedrock Structural Symbols

- Strike and dip of bedding, right way up

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DATE:	07/06/2024	PAGE SIZE:	A3





Legend

Proposed Site Boundary

Proposed Hardstanding

Proposed Roads

Proposed Substation

Proposed Turbine Locations

Landslide Susceptibility Classification

Low

Low (inferred)

Moderately Low

Moderately High

High

TITLE: Landslide Susceptibility	
PROJECT: Keerglen Wind Farm Peat Assessment	
FIGURE NO: 8.4	
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