

LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Delivery Route
- Special Area of Conservation (SAC)
- Special Protection Area (SPA)
- Proposed Natural Heritage Area (pNHA)



MUINGMORE WIND FARM
**WATER INCLUDING HYDROLOGY,
 HYDROGEOLOGY AND WATER QUALITY**

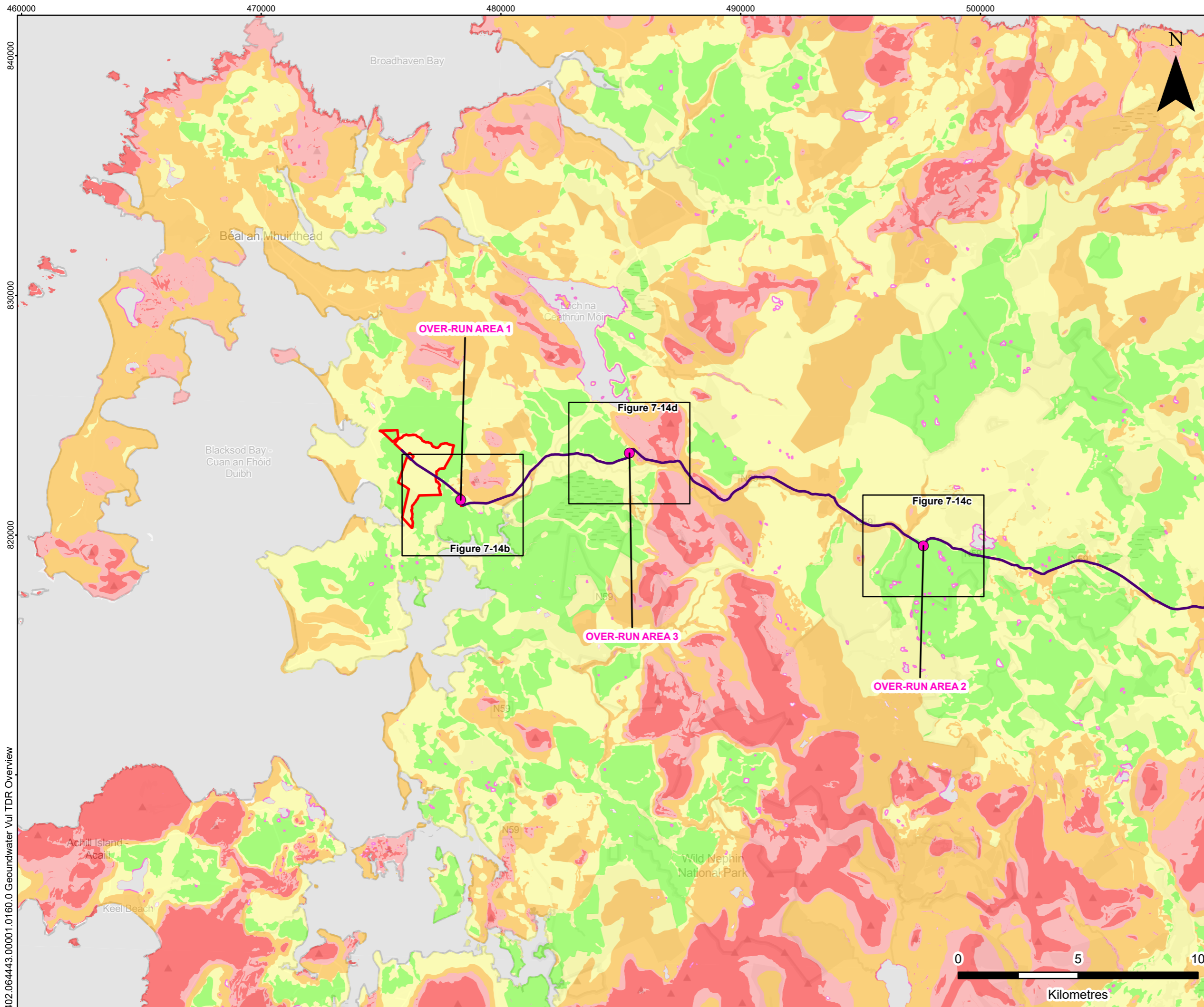
**DESIGNATED AREAS
 TDR OVER-RUN AREAS:
 OVER-RUN AREA 3**

FIGURE 7-13d

Scale 1:15,000 @ A3 Date MARCH 2026

402.064443.00001.0166.0 Designated Sites TDR

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LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Delivery Route
- Proposed Over-run Area Location

Groundwater Vulnerability

- Rock at or Near Surface or Karst
- Extreme
- High
- Moderate
- Low
- Water



MUINGMORE WIND FARM

**WATER INCLUDING HYDROLOGY,
HYDROGEOLOGY AND WATER QUALITY**

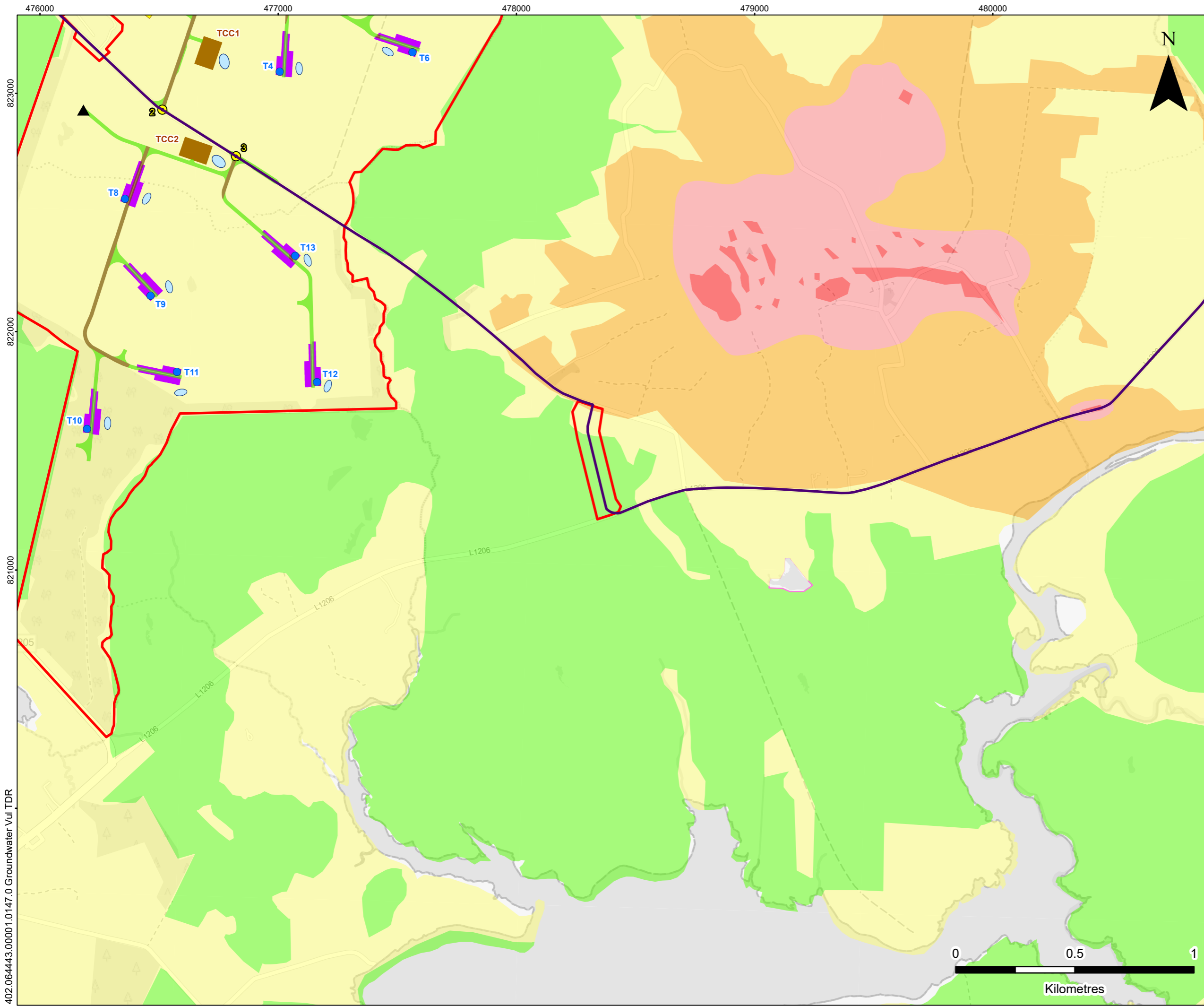
**GROUNDWATER VULNERABILITY
TDR OVER-RUN AREAS:
OVERVIEW**

FIGURE 7-14a

Scale 1:150,000 @ A3	Date MARCH 2026
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402.064443:00001.0160.0 Geowater_Vul TDR Overview



LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Location
- ⊙ Proposed Site Access Location
- ▲ Proposed Met Mast Location
- Proposed New Access Track
- Proposed Upgraded Access Track
- Proposed Crane Pad
- Proposed Substation
- Proposed Temporary Construction Compound
- Proposed Turbine Delivery Route
- Proposed Attenuation Basin

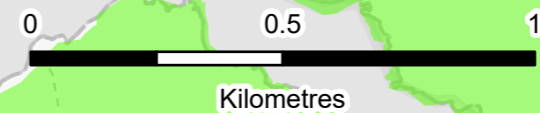
Groundwater Vulnerability

- Rock at or Near Surface or Karst
- Extrememe
- High
- Moderate
- Low
- Water



MUINGMORE WIND FARM
WATER
(HYDROLOGY AND HYDROGEOLOGY)
GROUNDWATER VULNERABILITY
TDR OVER-RUN AREAS:
OVER-RUN AREA 1

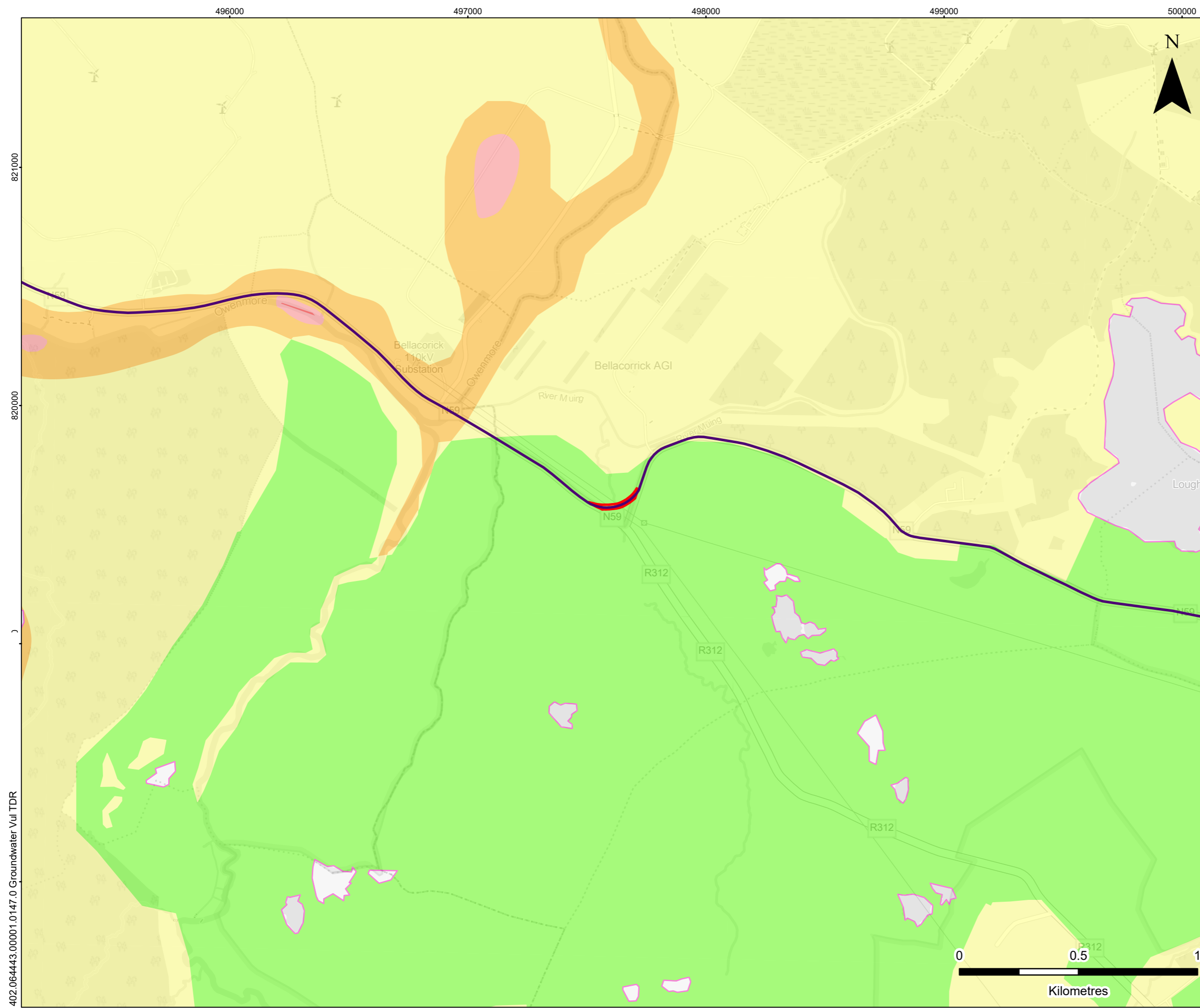
FIGURE 7-14b



Scale 1:15,000 @ A3 Date MARCH 2026

402.064443.00001.0147.0 Groundwater Vul TDR

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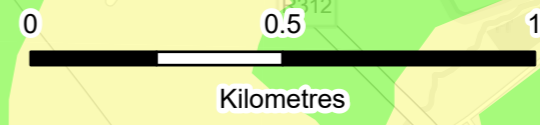
LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Delivery Route
- Groundwater Vulnerability**
- Rock at or Near Surface or Karst
- Extreme
- High
- Moderate
- Low
- Water



MUINGMORE WIND FARM
WATER
(HYDROLOGY AND HYDROGEOLOGY)
GROUNDWATER VULNERABILITY
TDR OVER-RUN AREAS:
OVER-RUN AREA 2

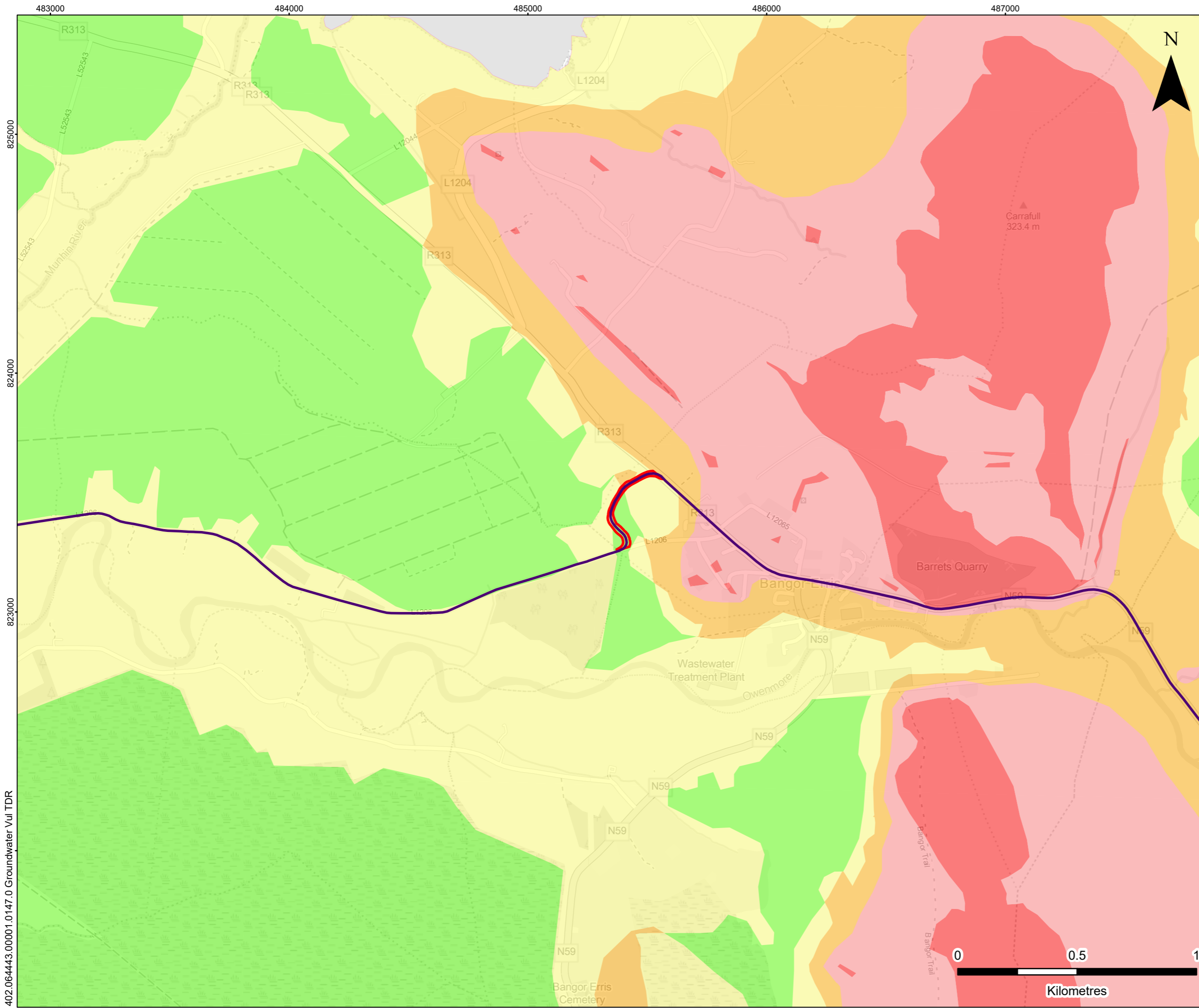
FIGURE 7-14c



Scale 1:15,000 @ A3 Date MARCH 2026

402.064443.00001.0147.0 Groundwater Vul TDR

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LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Delivery Route

Groundwater Vulnerability

- Rock at or Near Surface or Karst
- Extrmeme
- High
- Moderate
- Low
- Water



MUINGMORE WIND FARM
WATER
(HYDROLOGY AND HYDROGEOLOGY)
GROUNDWATER VULNERABILITY
TDR OVER-RUN AREAS:
OVER-RUN AREA 3

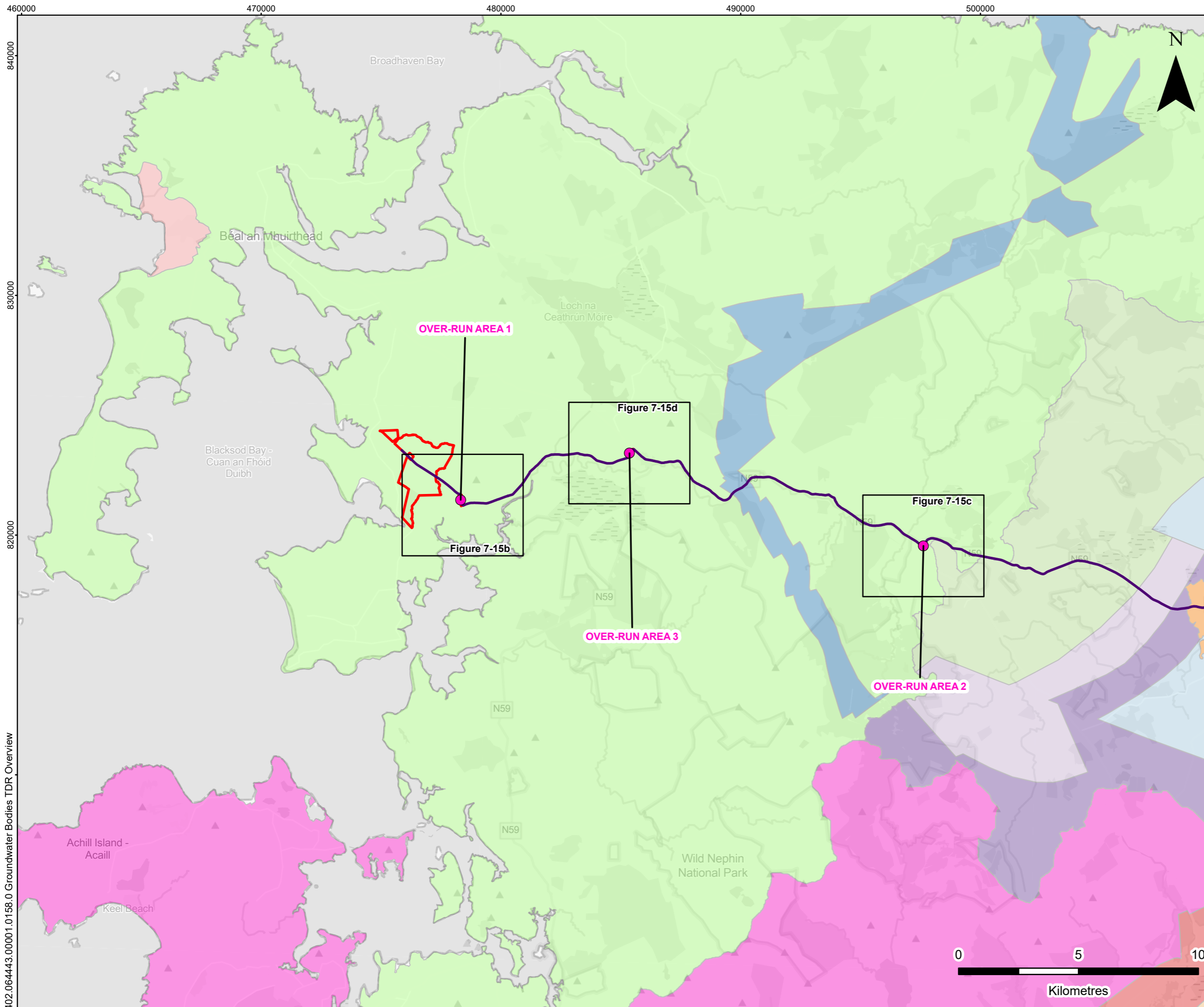
FIGURE 7-14d



Scale 1:15,000 @ A3 Date MARCH 2026

402.064443.00001.0147.0 Groundwater Vul TDR

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LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Delivery Route
- Proposed Over-run Area Location

Groundwater Bodies

- Achill
- Ballina
- Bangor
- Bellacorick-Killala
- Belmullet
- Belmullet Gravels
- Beltra Lough South
- Clifden Castlebar
- Crossmolina Gravels
- Deel
- Laherdaun
- Malranny



MUINGMORE WIND FARM

**WATER INCLUDING HYDROLOGY,
HYDROGEOLOGY AND WATER QUALITY**

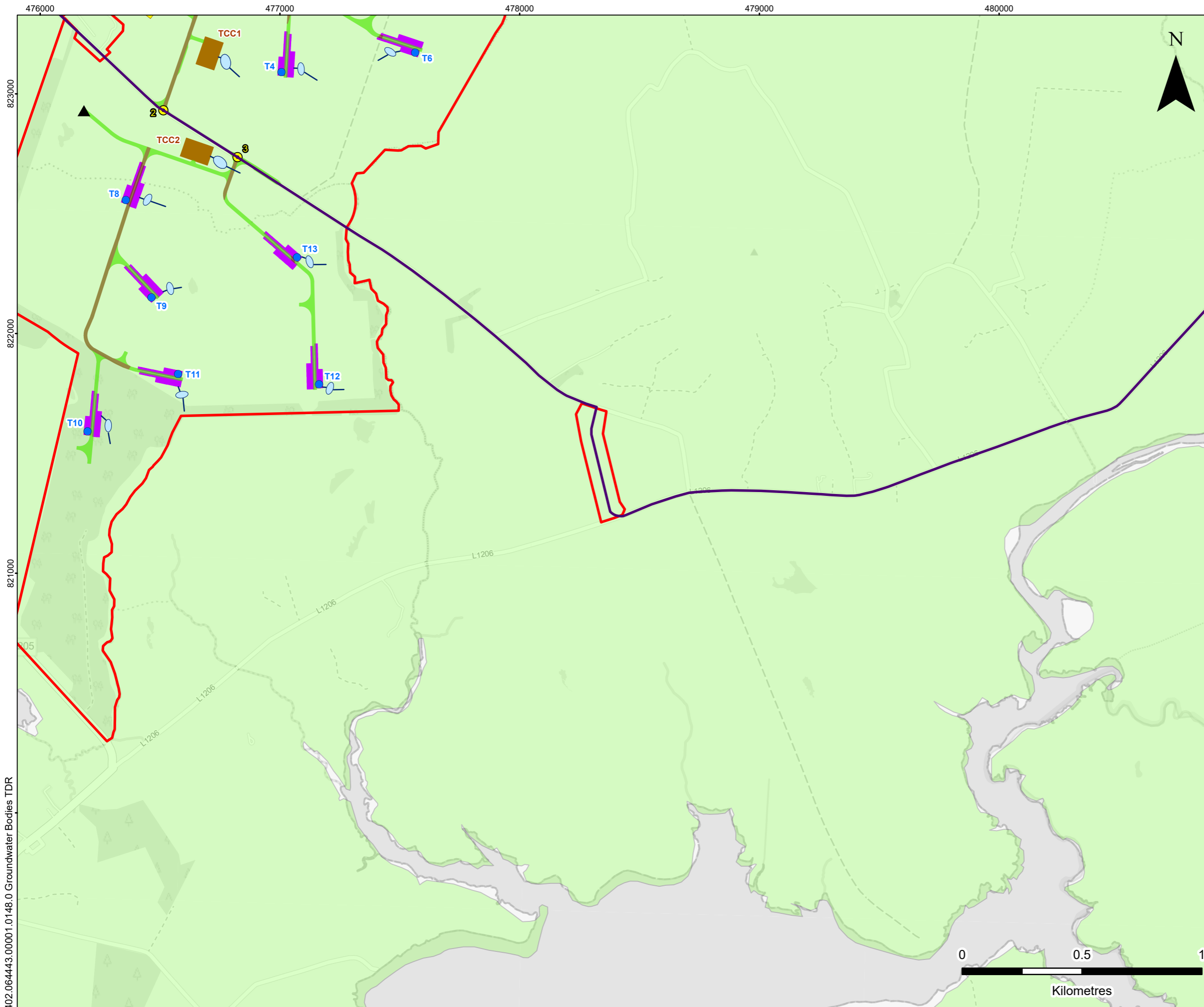
**GROUNDWATER BODIES
TDR OVER-RUN AREAS:
OVERVIEW**

FIGURE 7-15a

Scale 1:150,000 @ A3	Date MARCH 2026
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402.064443.00001.0158.0 Groundwater Bodies TDR Overview



LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Location
- Proposed Site Access Location
- ▲ Proposed Met Mast Location
- Proposed New Access Track
- Proposed Upgraded Access Track
- Proposed Crane Pad
- Proposed Substation (Indicative Size and Location)
- Proposed Temporary Construction Compound
- Proposed Turbine Delivery Route
- Proposed Drainage Feature
- Proposed Attenuation Basin

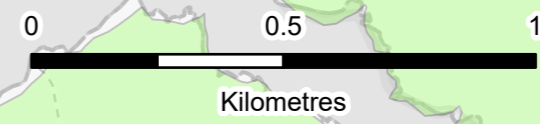
Groundwater Body

- Belmullet



MUINGMORE WIND FARM
 WATER INCLUDING HYDROLOGY,
 HYDROGEOLOGY AND WATER QUALITY
GROUNDWATER BODIES
TDR OVER-RUN AREAS:
OVER-RUN AREA 1

FIGURE 7-15b



Scale 1:15,000 @ A3 Date MARCH 2026

402.064443.00001.0148.0 Groundwater Bodies TDR

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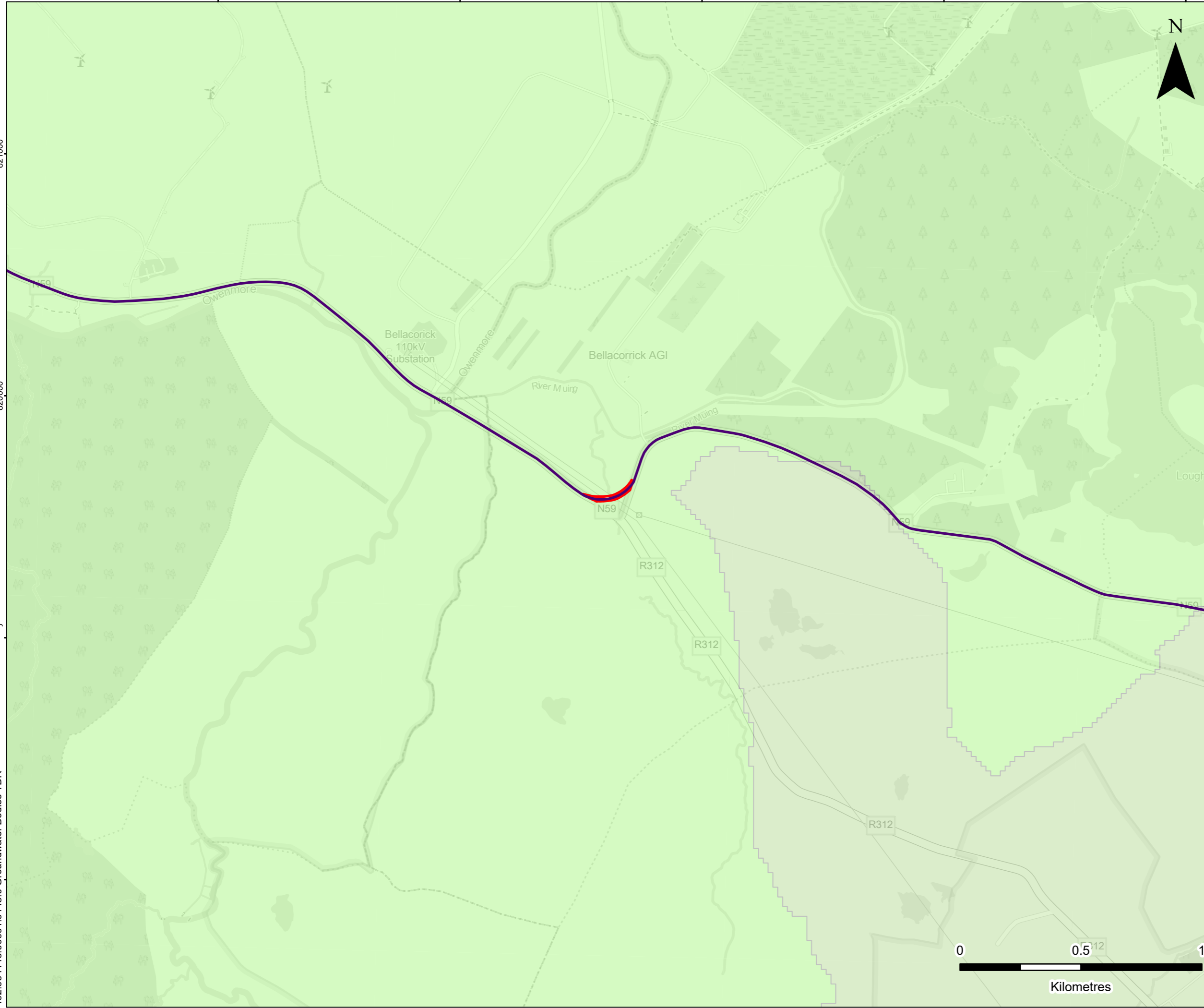
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402.064443.00001.0148.0 Groundwater Bodies TDR



LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Delivery Route
- Proposed Drainage Feature
- Proposed Attenuation Basin

Groundwater Body

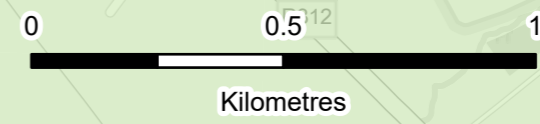
- Bellacorick-Killlala
- Belmullet



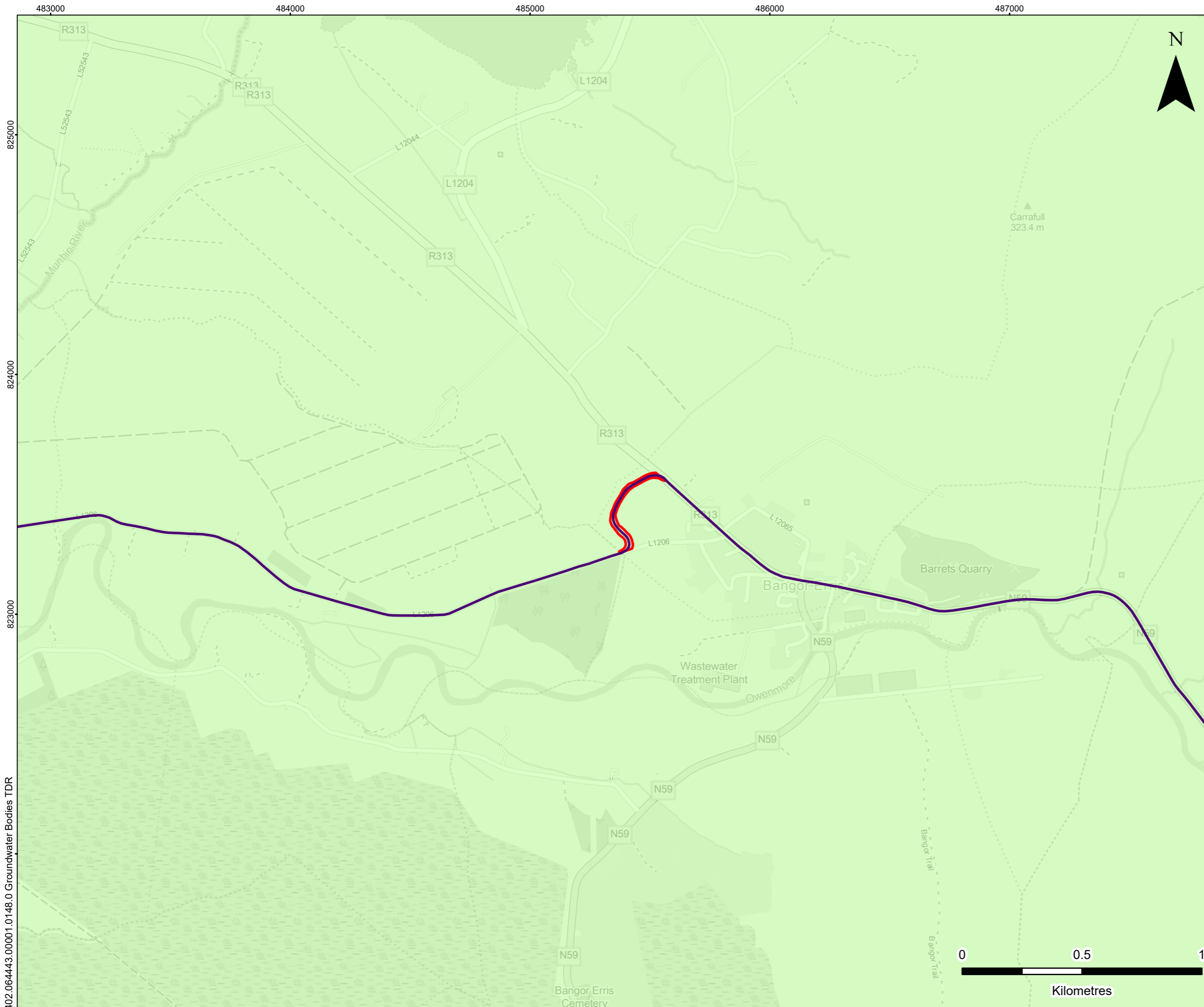
MUINGMORE WIND FARM
 WATER INCLUDING HYDROLOGY,
 HYDROGEOLOGY AND WATER QUALITY

**GROUNDWATER BODIES
 TDR OVER-RUN AREAS:
 OVER-RUN AREA 2**

FIGURE 7-15c



Scale 1:15,000 @ A3 Date MARCH 2026



LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Delivery Route
- Proposed Drainage Feature
- Proposed Attenuation Basin

Groundwater Body

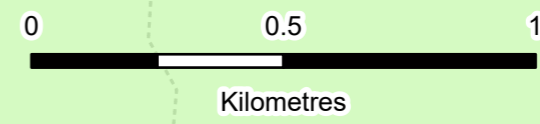
- Belmullet



MUINGMORE WIND FARM
 WATER INCLUDING HYDROLOGY,
 HYDROGEOLOGY AND WATER QUALITY

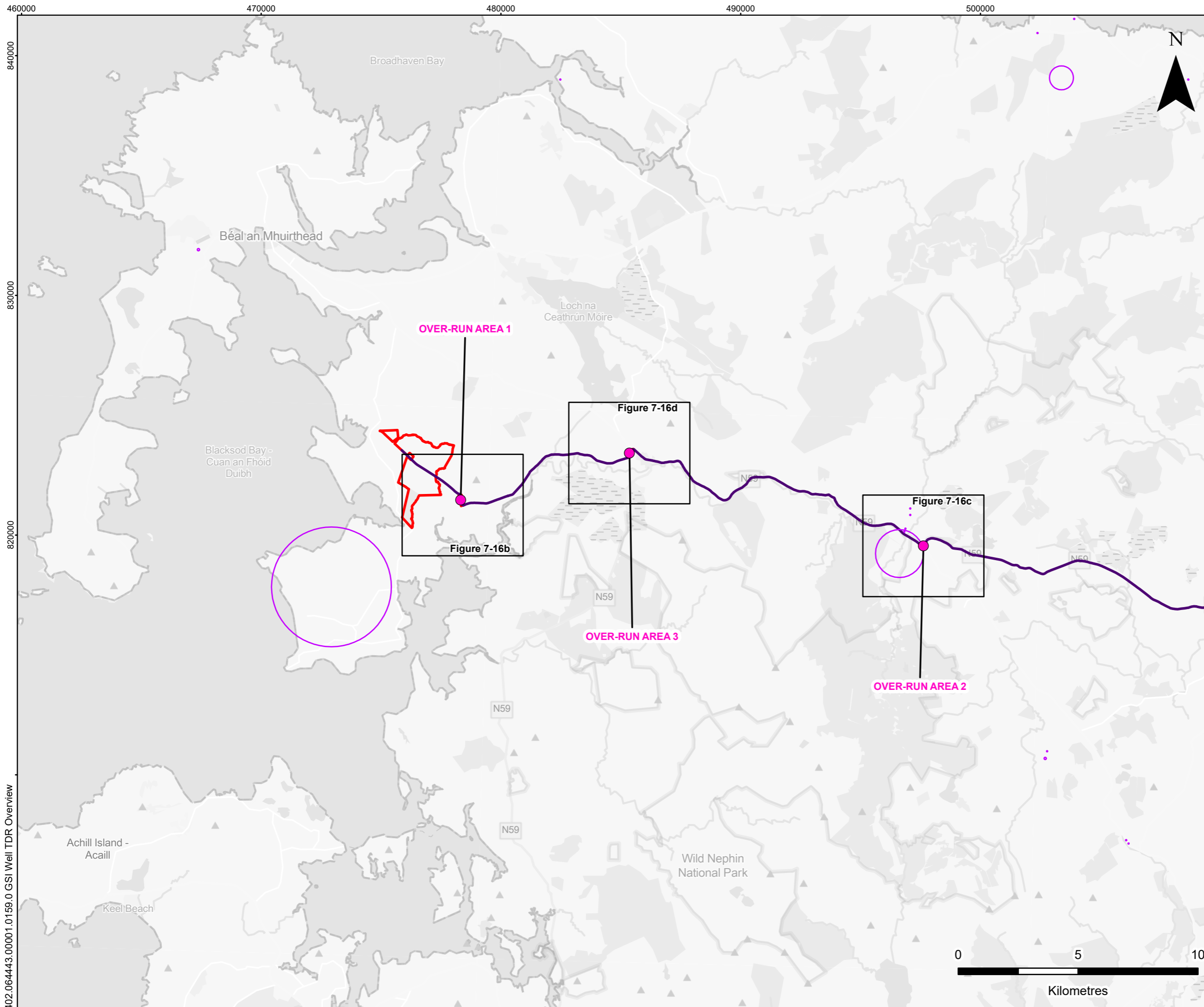
**GROUNDWATER BODIES
 TDR OVER-RUN AREAS:
 OVER-RUN AREA 3**

FIGURE 7-15d



Scale 1:15,000 @ A3 Date MARCH 2026

402.064443.00001.0148.0 Groundwater Bodies TDR



LEGEND

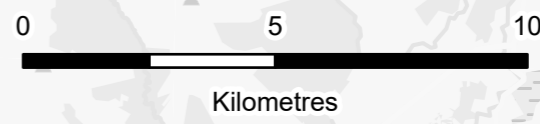
- Proposed Development Site Boundary
- Proposed Turbine Delivery Route
- Proposed Over-run Area Location
- GSI Groundwater Supply Well



MUINGMORE WIND FARM
 WATER INCLUDING HYDROLOGY,
 HYDROGEOLOGY AND WATER QUALITY

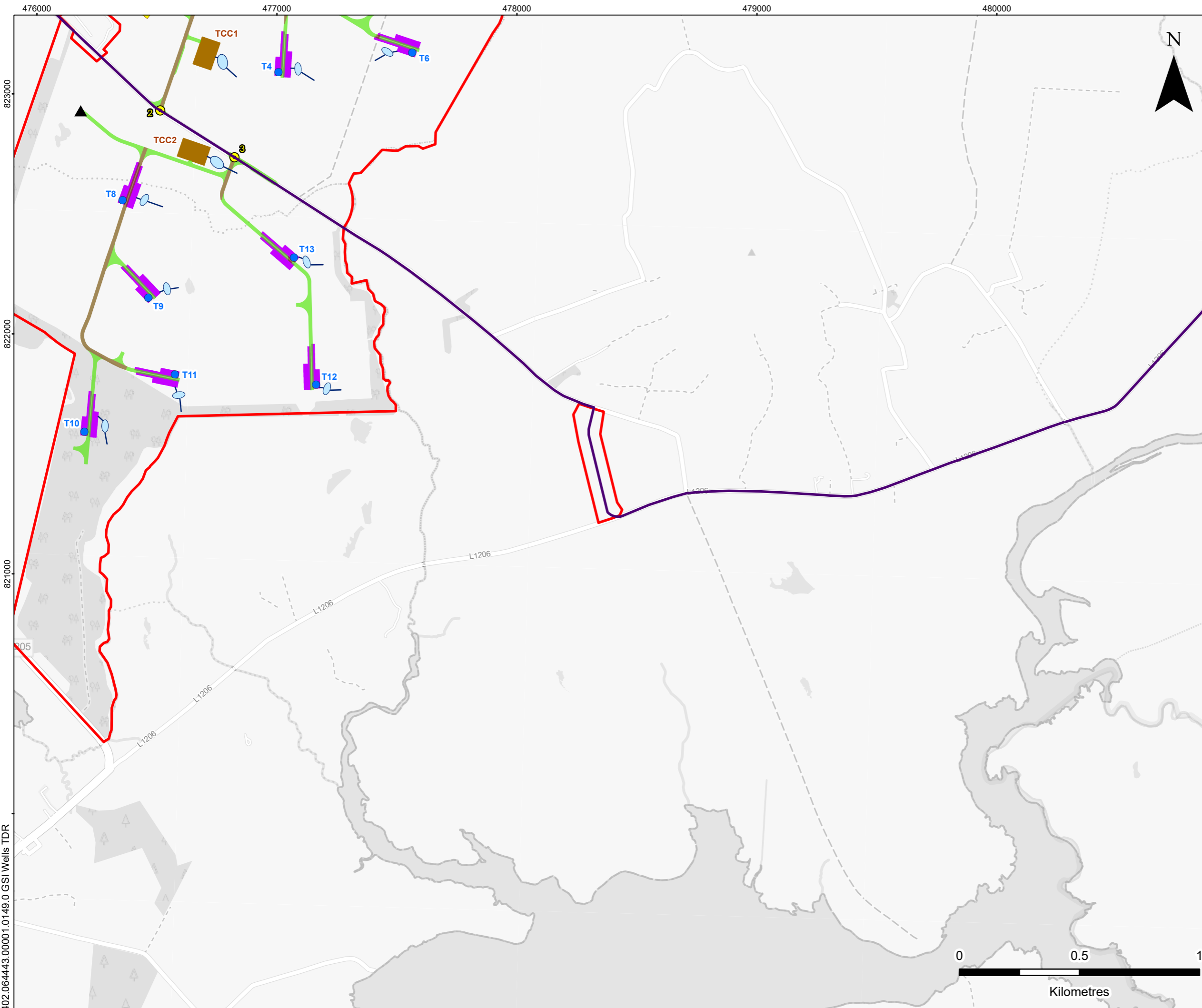
**GSI GROUNDWATER
 SUPPLY WELLS
 TDR OVER-RUN AREAS:
 OVERVIEW**

FIGURE 7-16a



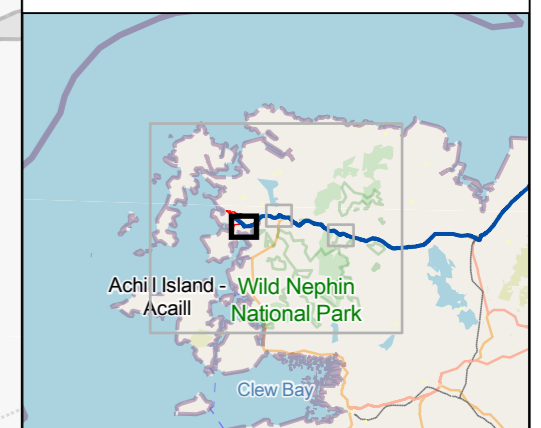
Scale 1:150,000 @ A3 Date MARCH 2026

402.064443.00001.0159.0 GSI Well TDR Overview



LEGEND

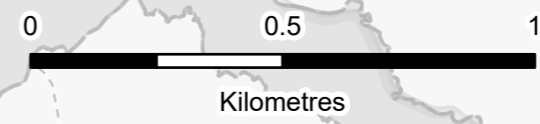
- Proposed Development Site Boundary
- Proposed Turbine Location
- Proposed Site Access Location
- ▲ Proposed Met Mast Location
- Proposed New Access Track
- Proposed Upgraded Access Track
- Proposed Crane Pad
- Proposed Substation (Indicative Size and Location)
- Proposed Temporary Construction Compound
- Proposed Turbine Delivery Route
- Proposed Swale
- Proposed Attenuation Pond



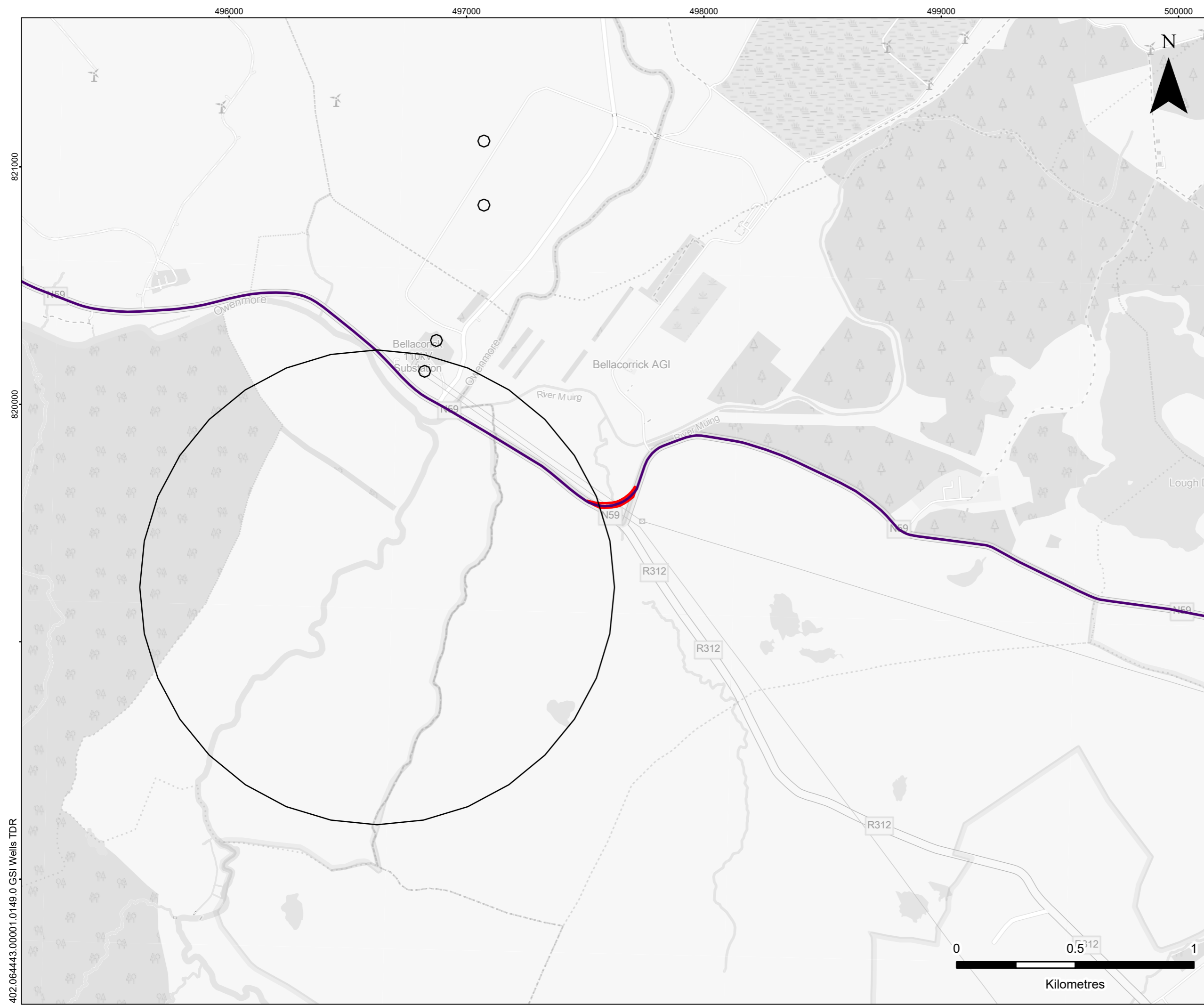
MUINGMORE WIND FARM
**WATER INCLUDING HYDROLOGY,
 HYDROGEOLOGY AND WATER QUALITY**
**GSI GROUNDWATER
 SUPPLY WELLS
 TDR OVER-RUN AREAS:
 OVER-RUN AREA 1**

FIGURE 7-16b

Scale 1:15,000 @ A3 Date MARCH 2026



402.064443.00001.0149.0 GSI Wells TDR



LEGEND

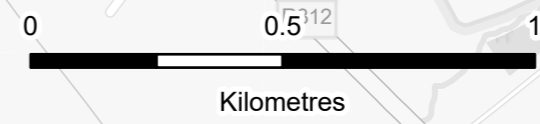
- Proposed Development Site Boundary
- Proposed Turbine Delivery Route
- GSI Groundwater Supply Well



MUINGMORE WIND FARM
 WATER INCLUDING HYDROLOGY,
 HYDROGEOLOGY AND WATER QUALITY

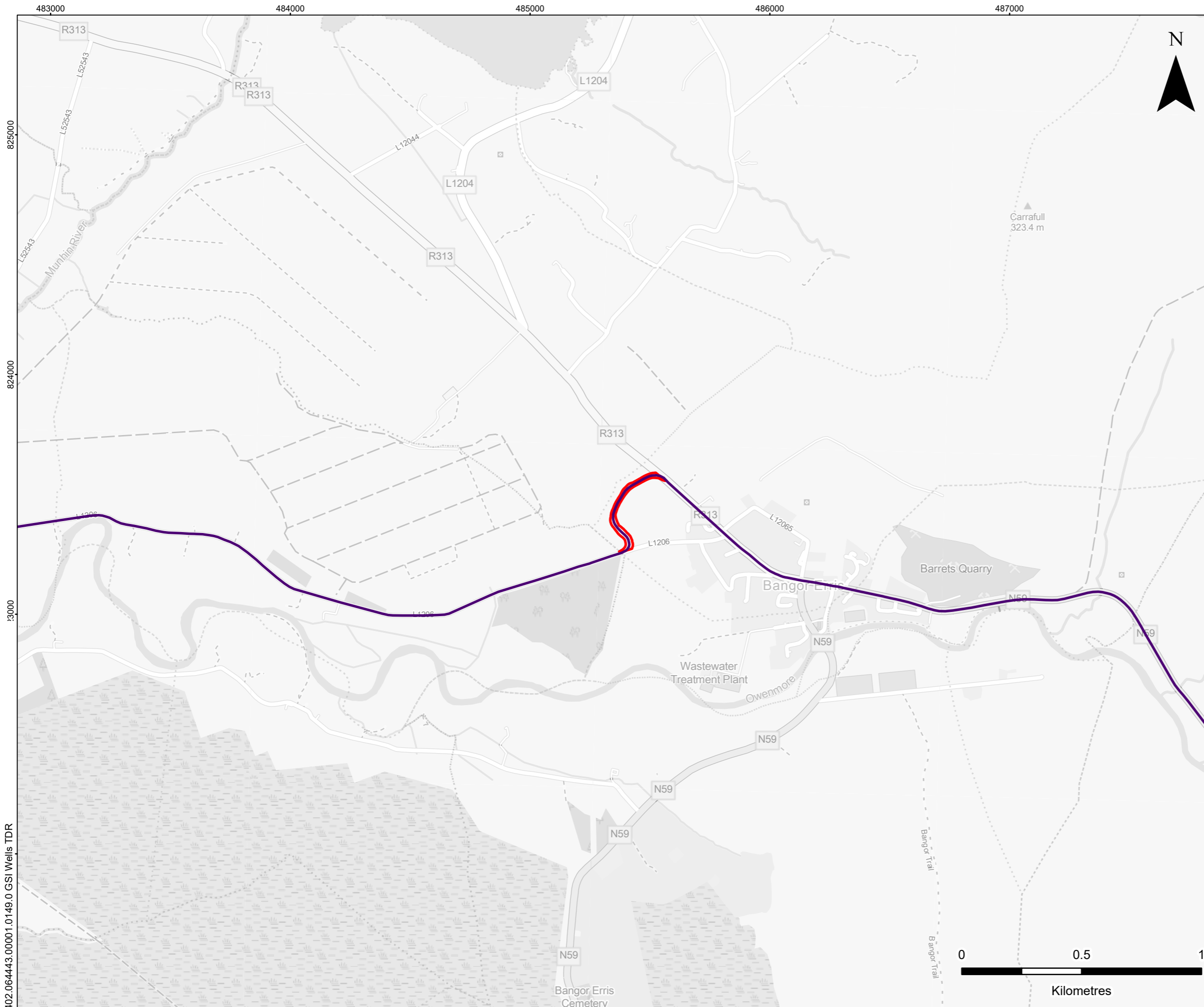
**GSI GROUNDWATER
 SUPPLY WELLS
 TDR OVER-RUN AREAS:
 OVER-RUN AREA 2**

FIGURE 7-16c



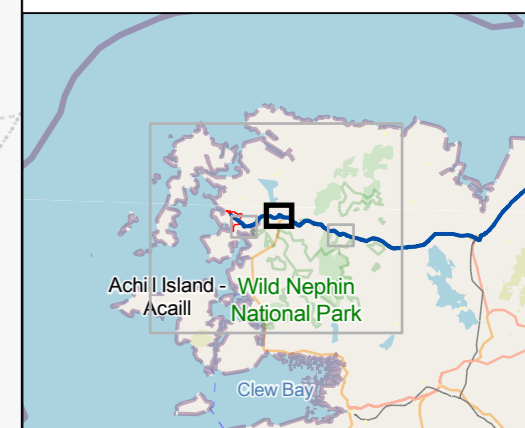
Scale 1:15,000 @ A3 Date MARCH 2026

402.064443.00001.0149.0 GSI Wells TDR



LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Delivery Route



MUINGMORE WIND FARM
**WATER INCLUDING HYDROLOGY,
 HYDROGEOLOGY AND WATER QUALITY**
**GSI GROUNDWATER
 SUPPLY WELLS
 TDR OVER-RUN AREAS:
 OVER-RUN AREA 3**
FIGURE 7-16d

Scale 1:15,000 @ A3 Date MARCH 2026