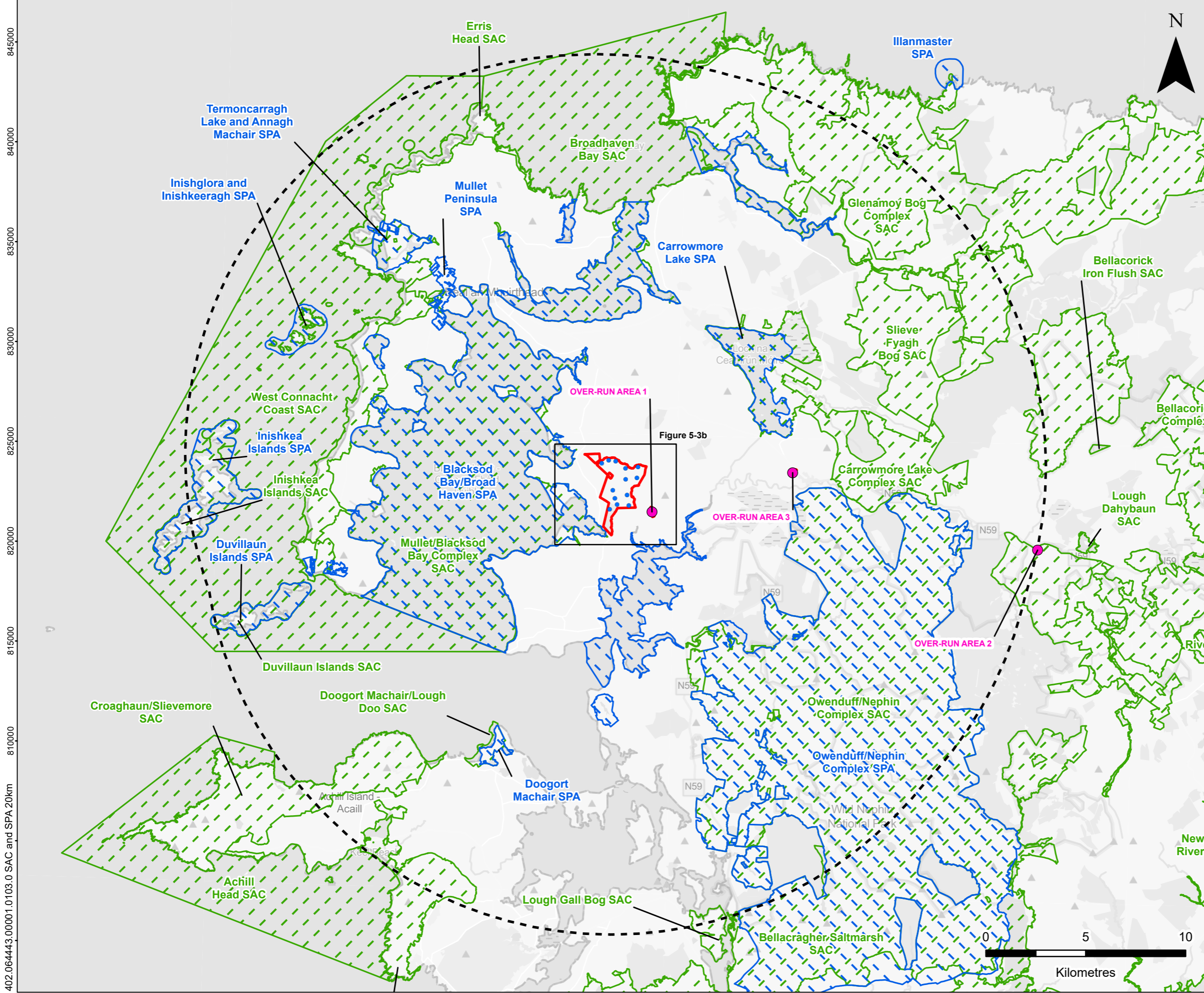


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LEGEND

- Proposed Development Site Boundary
- Study Area (Main Wind Farm Development Site Boundary 20 km Buffer)
- Proposed Over-run Area Location
- Proposed Turbine Location
- Special Area of Conservation (SAC)
- Special Protection Area (SPA)



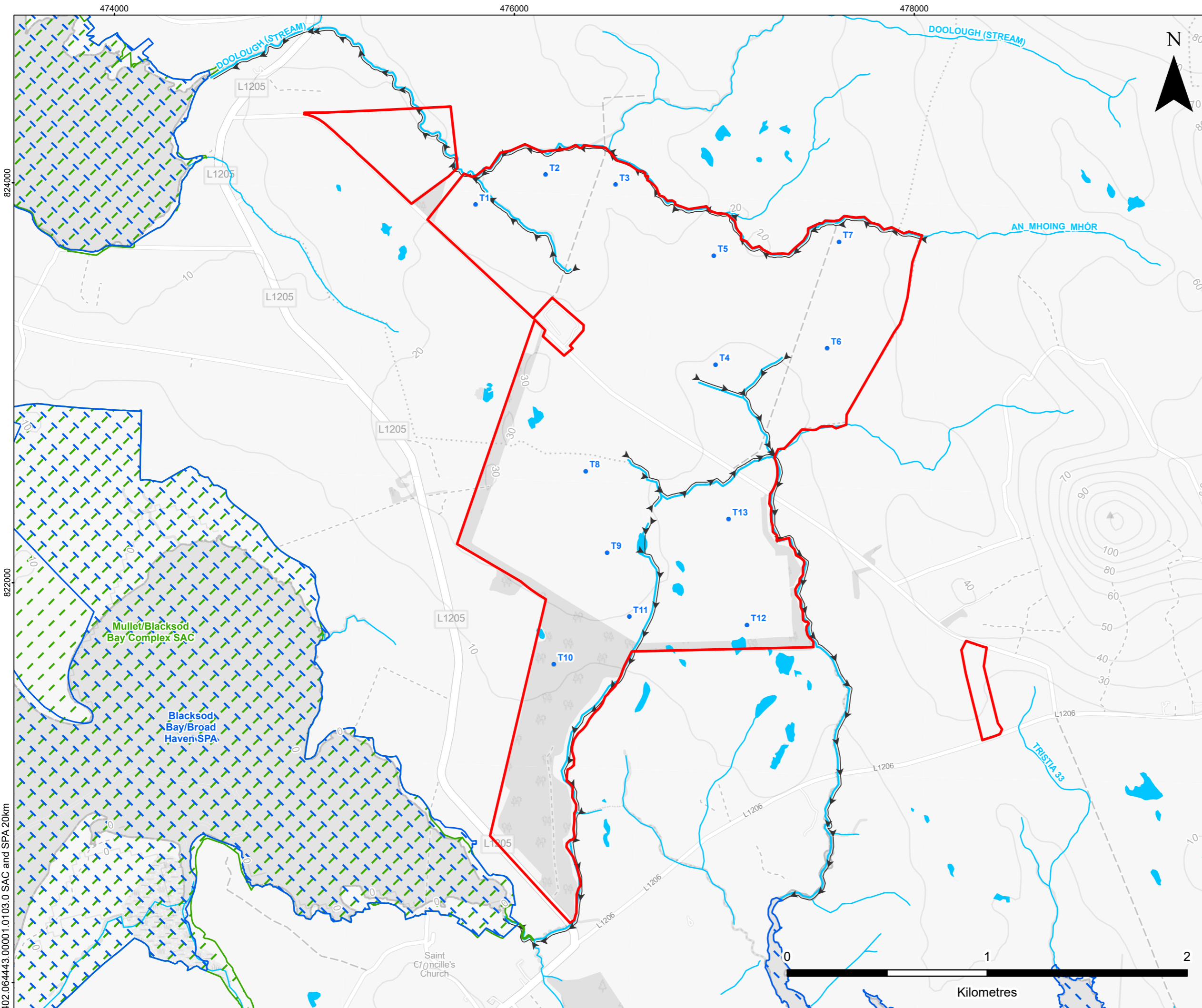
MUINGMORE WIND FARM

BIODIVERSITY

SACS AND SPAS WITHIN 20 KM OF THE MAIN WIND FARM DEVELOPMENT SITE

FIGURE 5-3a

Scale 1:180,000 @ A3 Date APRIL 2026



LEGEND

- Proposed Development Site Boundary
- Proposed Turbine Location
- Special Area of Conservation (SAC)
- Special Protection Area (SPA)
- Watercourse
- Potential Hydrological Connection
- Waterbody



MUINGMORE WIND FARM
BIODIVERSITY
SACS AND SPAS WITHIN 20 KM OF
THE MAIN WIND FARM
DEVELOPMENT SITE

FIGURE 5-3b

Scale 1:18,000 @ A3 Date APRIL 2026



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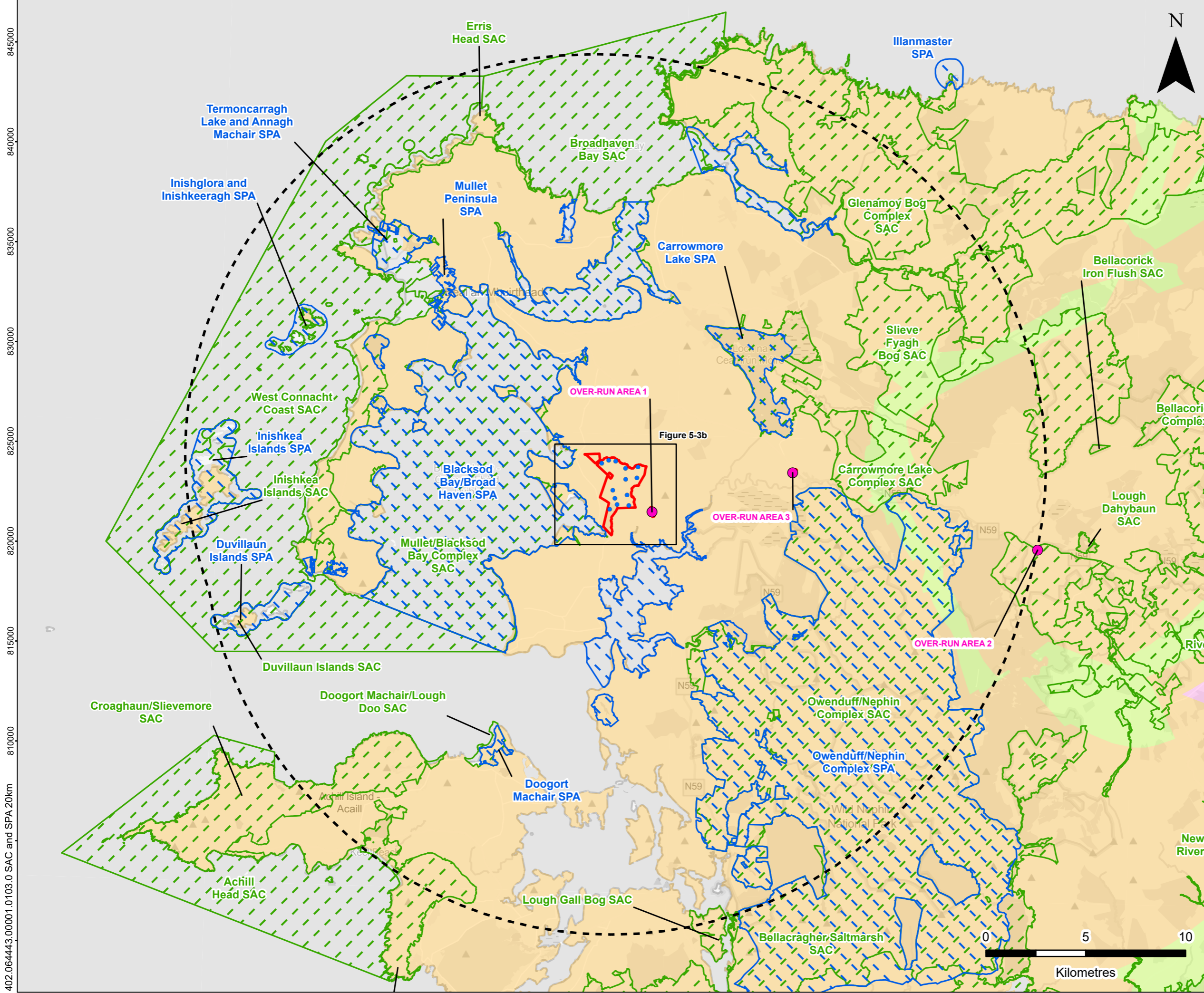
822000

402.064443.00001.0103.0 SAC and SPA 20km

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SLR

MUINGMORE WIND FARM

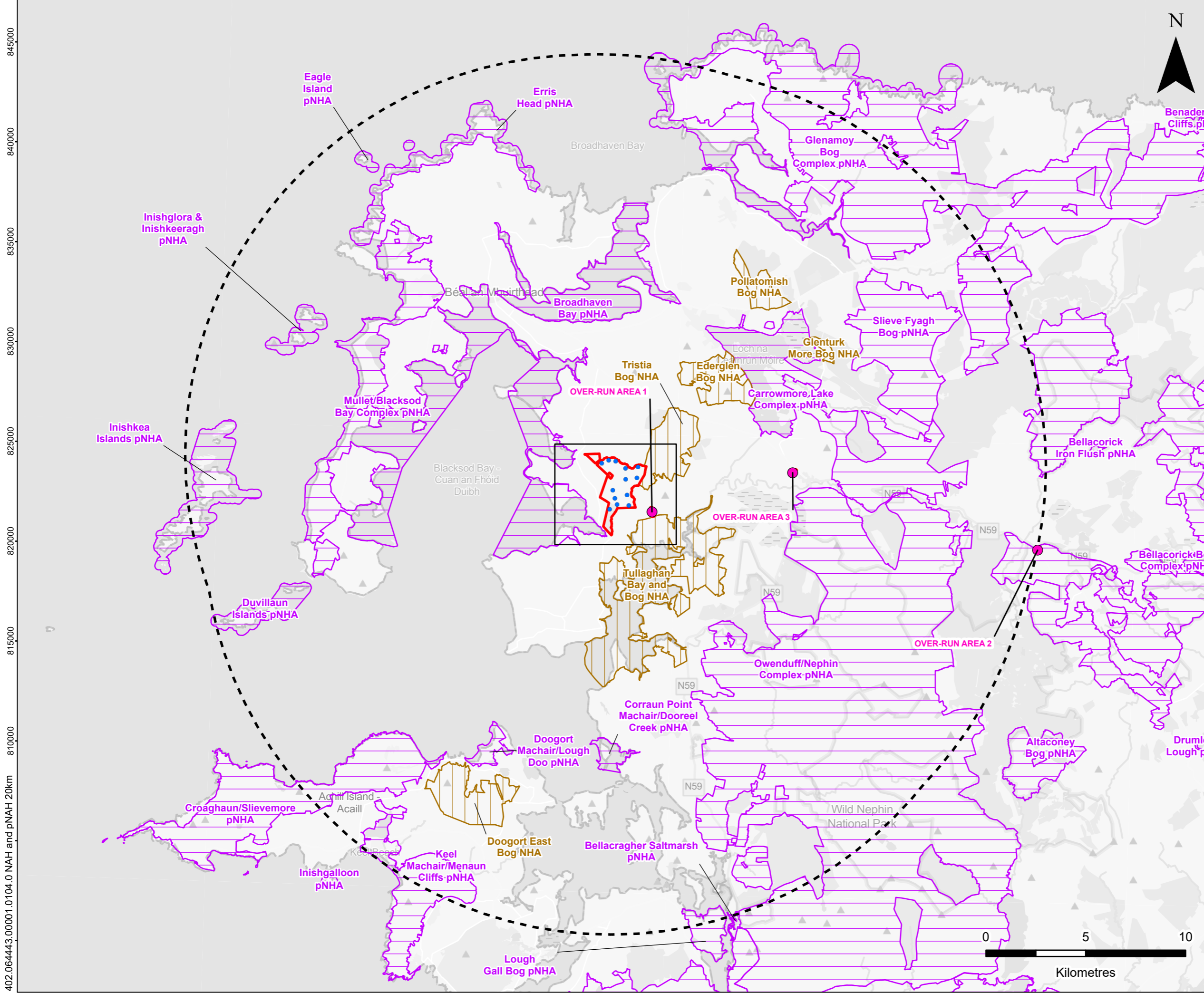
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SACS AND SPAS WITHIN 20 KM OF THE MAIN WIND FARM DEVELOPMENT SITE

FIGURE 5-3c

Scale: 1:180,000 @ A3 Date: APRIL 2026

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LEGEND

- Proposed Development Site Boundary
- Study Area (Main Wind Farm Development Site Boundary 20 km Buffer)
- Proposed Over-run Area Location
- Proposed Turbine Location
- Natural Heritage Area (NHA)
- Proposed Natural Heritage Area (pNHA)

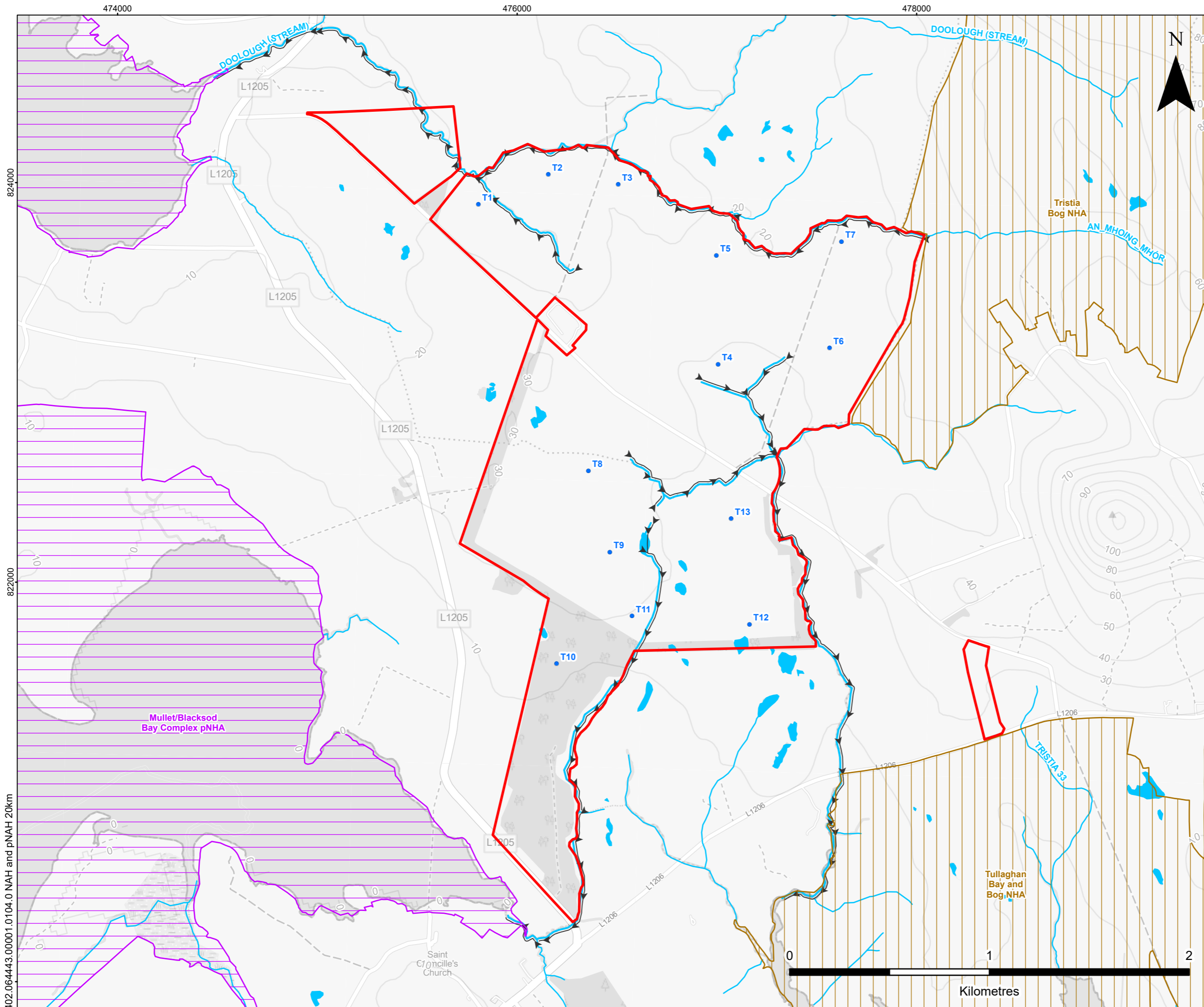


MUINGMORE WIND FARM
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NHA AND PNHA WITHIN 20 KM OF THE MAIN WIND FARM DEVELOPMENT SITE
FIGURE 5-4a

Scale 1:180,000 @ A3 Date APRIL 2026

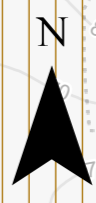
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LEGEND

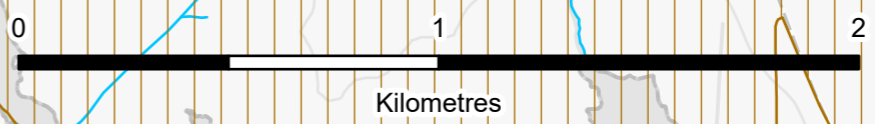
- Proposed Development Site Boundary
- Proposed Turbine Location
- Natural Heritage Area (NHA)
- Proposed Natural Heritage Area (pNHA)
- Watercourse
- Potential Hydrological Connection
- Waterbody



MUINGMORE WIND FARM
BIODIVERSITY
NHA AND PNHA WITHIN 20 KM OF
THE MAIN WIND FARM
DEVELOPMENT SITE

FIGURE 5-4b

Scale 1:18,000 @ A3 Date APRIL 2026



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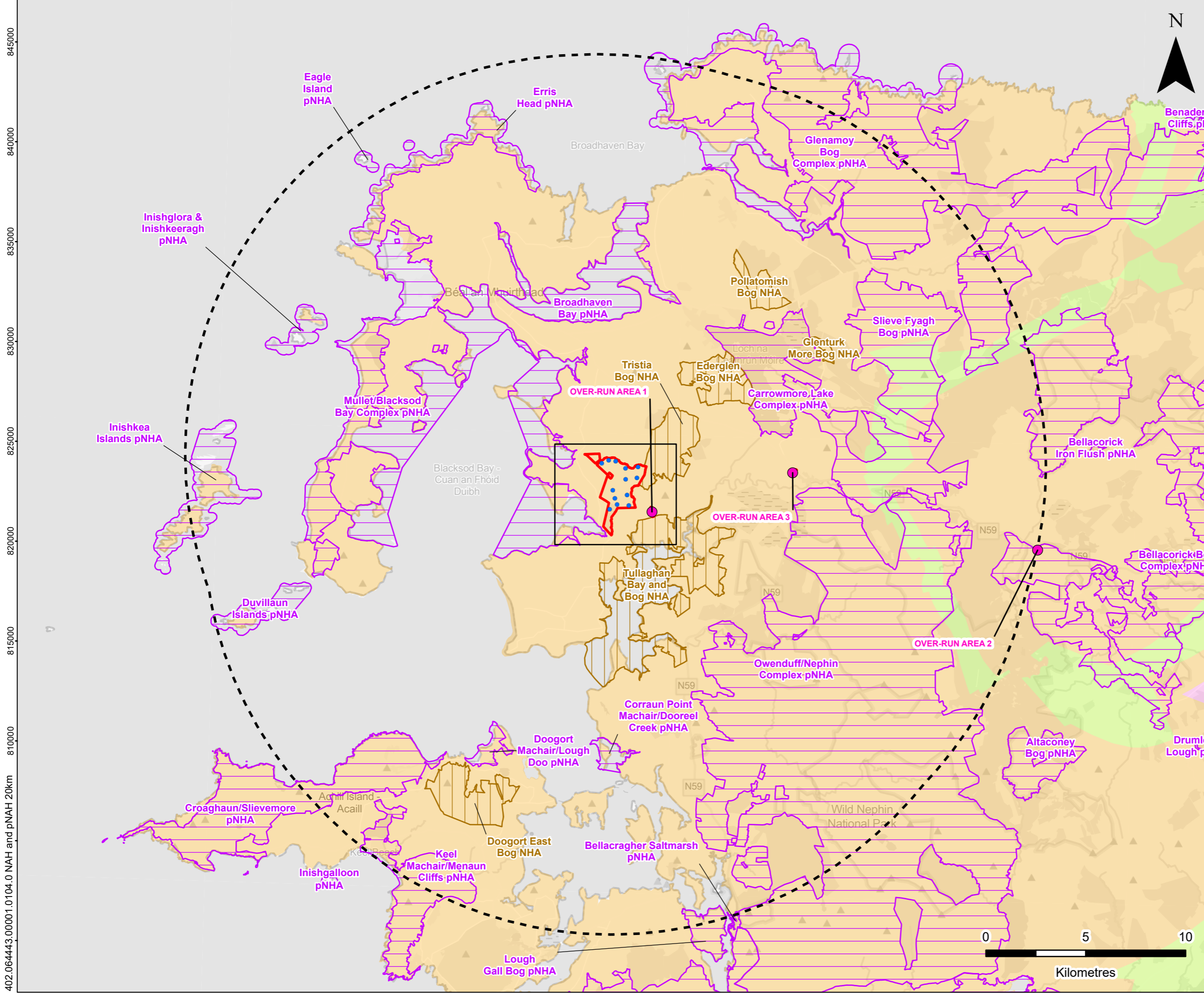
822000

402.064443.00001.0104.0 NHA and pNAH 20km

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LEGEND

- Proposed Development Site Boundary
- Study Area (Main Wind Farm Development Site Boundary 20 km Buffer)
- Proposed Over-run Area Location
- Proposed Turbine Location
- Natural Heritage Area (NHA)
- Proposed Natural Heritage Area (pNHA)

EPA Groundwater Body Description

- Gravel
- Karstic
- Poorly Productive Bedrock
- Productive Fissured Bedrock



MUINGMORE WIND FARM
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NHA AND PNHA WITHIN 20 KM OF THE MAIN WIND FARM DEVELOPMENT SITE

FIGURE 5-4c

Scale: 1:180,000 @ A3 Date: APRIL 2026

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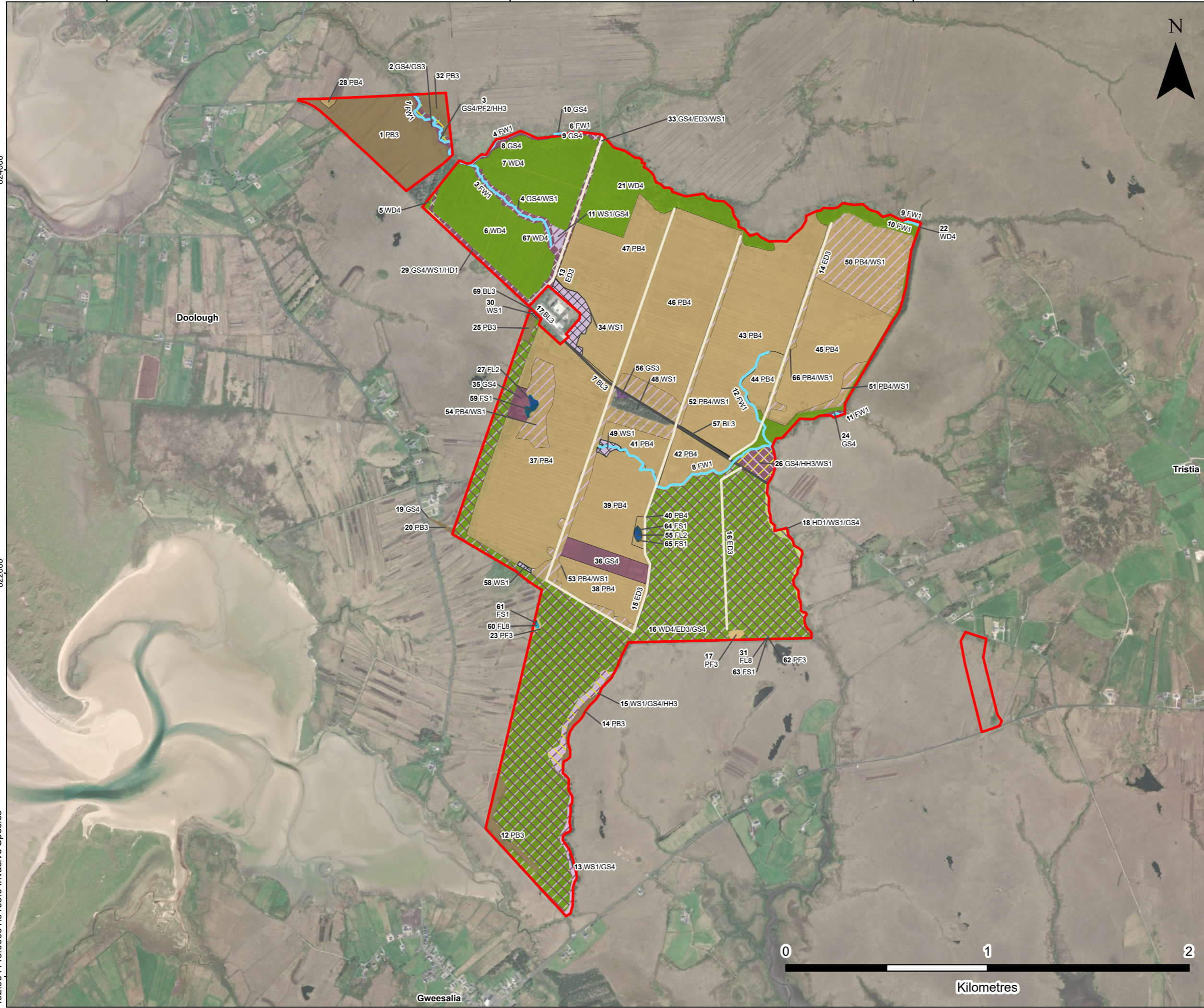
LEGEND

- Proposed Development Site Boundary
- BL3 - Buildings and Artificial Surfaces
- ED3 - Recolonising Bare Ground
- FW1 - Eroding / Upland Rivers
- BL3 - Buildings and Artificial Surfaces
- FL2 - Acid Oligotrophic Lake
- FL8 - Other Artificial Lakes and Ponds
- FS1 - Reed and Large Sedge Swamps
- GS3 - Dry-humid Acid Grassland
- GS4 - Wet Grassland
- GS4/ED3/WS1 - Wet Grassland / Recolonising Bareground / Scrub
- GS4/GS3 - Wet Grassland / Dry-humid Acid Grassland
- GS4/HH3/WS1 - Wet Grassland / Wet Heath / Scrub
- GS4/PF2/HH3 - Wet Grassland / Poor Fen and Flush / Wet Heath
- GS4/WS1 - Wet Grassland / Scrub
- GS4/WS1/HD1 - Wet Grassland / Scrub / Dense Bracken
- HD1/WS1/GS4 - Dense Bracken / Scrub / Wet Grassland
- PB3 - Lowland Blanket Bog
- PB4 - Cutover Bog
- PB4/WS1 - Cutover Bog / Scrub
- PF3 - Transition Mire and Quaking Bog
- WD4 - Conifer Plantation
- WD4/ED3/GS4 - Conifer Plantation / Recolonising Bareground / Wet Grassland
- WS1 - Scrub
- WS1/GS4 - Scrub / Wet Grassland
- WS1/GS4/HH3 - Scrub / Wet Grassland / Wet Heath

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402.064443.00001.0105.0 Invasive Species

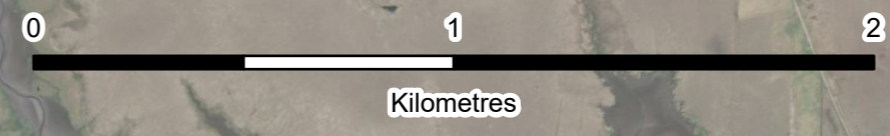


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HABITATS OF THE
 MAIN WIND FARM DEVELOPMENT SITE

FIGURE 5-5a

Scale 1:18,000 @ A3 Date APRIL 2026



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LEGEND

- Proposed Development
- Site Boundary
- Invasive Species Record
- ▲ Invasive Species Record Location

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402.064443:00001.0105.0 Invasive Species

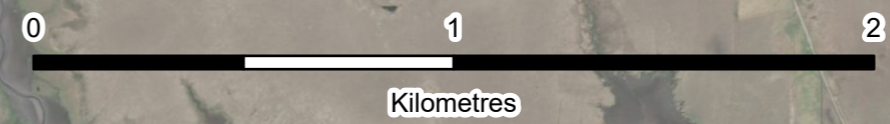


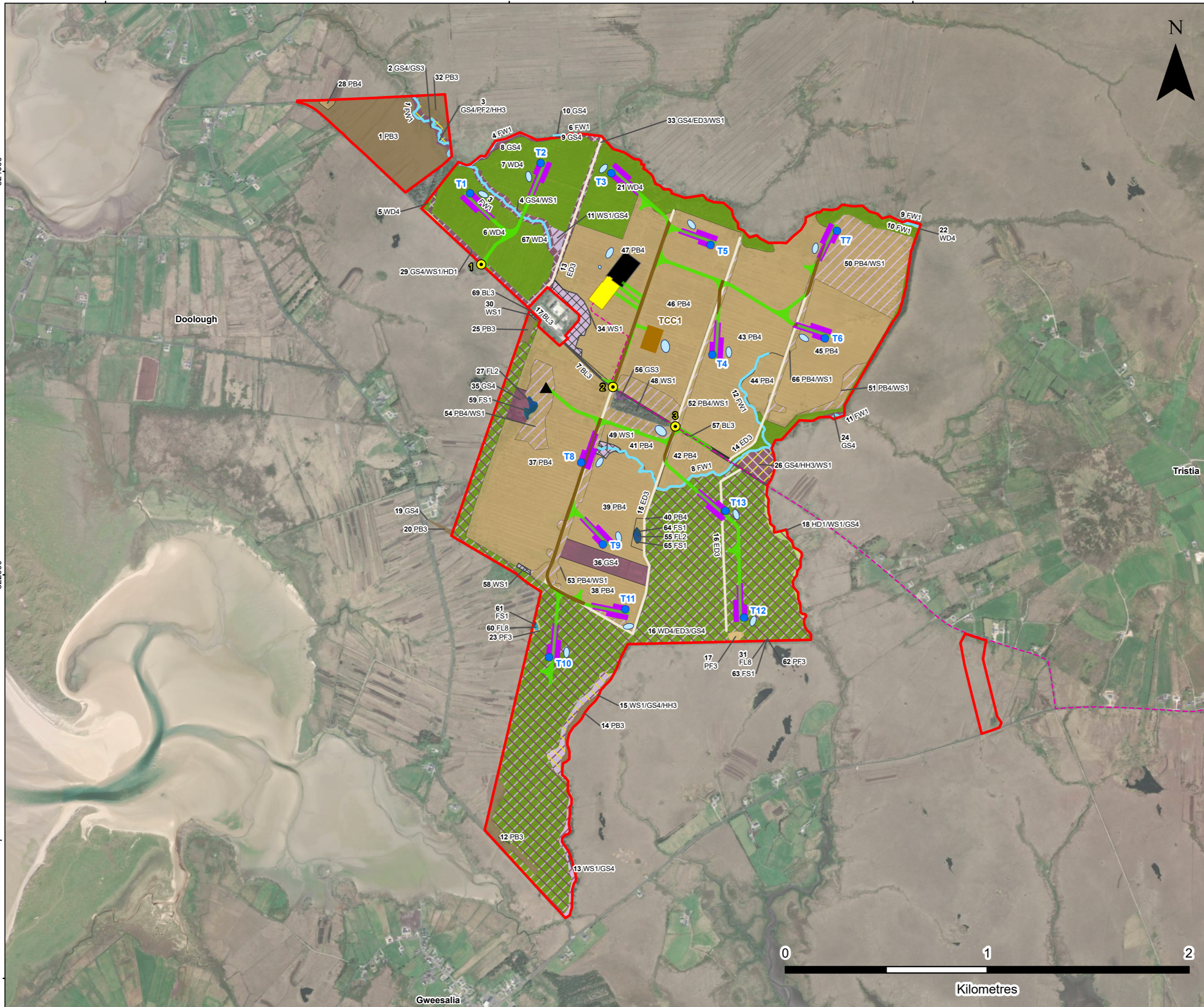
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**INVASIVE PLANTS OF THE
 MAIN WIND FARM DEVELOPMENT SITE**

FIGURE 5-5b

Scale 1:18,000 @ A3 Date APRIL 2026





LEGEND

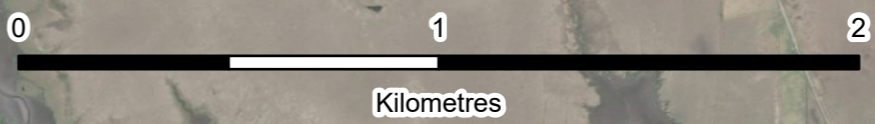
Proposed Development Site Boundary	FS1 - Reed and Large Sedge Swamps
Proposed Turbine Location	GS3 - Dry-humid Acid Grassland
Proposed Site Access Location	GS4 - Wet Grassland
Proposed Met Mast Location	GS4/ED3/WS1 - Wet Grassland / Recolonising Bareground / Scrub
Proposed New Access Track	GS4/GS3 - Wet Grassland / Dry-humid Acid Grassland
Proposed Upgraded Access Track	GS4/HH3/WS1 - Wet Grassland / Wet Heath / Scrub
Proposed Grid Connection Route (Subject to Separate Planning Application)	GS4/PF2/HH3 - Wet Grassland / Poor Fen and Flush / Wet Heath
Proposed Crane Pad	GS4/WS1 - Wet Grassland / Scrub
Proposed Battery Energy Storage System (BESS) Compound	GS4/WS1/HD1 - Wet Grassland / Scrub / Dense Bracken
Proposed Attenuation Basin	HD1/WS1/GS4 - Dense Bracken / Scrub / Wet Grassland
Fossil Habitats (Linear)	PB3 - Lowland Blanket Bog
BL3 - Buildings and Artificial Surfaces	PB4 - Cutover Bog
ED3 - Recolonising Bare Ground	PB4/WS1 - Cutover Bog / Scrub
FW1 - Eroding / Upland Rivers	PF3 - Transition Mire and Quaking Bog
Fossil Habitats (Areas)	WD4 - Conifer Plantation
BL3 - Buildings and Artificial Surfaces	WD4/ED3/GS4 - Conifer Plantation / Recolonising Bareground / Wet Grassland
FL2 - Acid Oligotrophic Lake	WS1 - Scrub
FL8 - Other Artificial Lakes and Ponds	WS1/GS4 - Scrub / Wet Grassland
	WS1/GS4/HH3 - Scrub / Wet Grassland / Wet Heath



MUINGMORE WINDFARM
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HABITATS OF THE MAIN WIND FARM DEVELOPMENT SITE WITH SITE INFRASTRUCTURE

FIGURE 5-5c

Scale: 1:18,000 @ A3 Date: APRIL 2026
















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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 Grid Connection Route (Subject to Separate Planning Application)
 -  Proposed Crane Pad
 -  Proposed Substation (Indicative Size and Location)
 -  Proposed Battery Energy Storage System (BESS) Compound (Indicative Size and Location)
 -  Proposed Temporary Construction Compound (TCC)
 -  Proposed Attenuation Basin
- Incidental Species Observation**
-  Red Deer

Note
No Target Mammal Species were Recorded

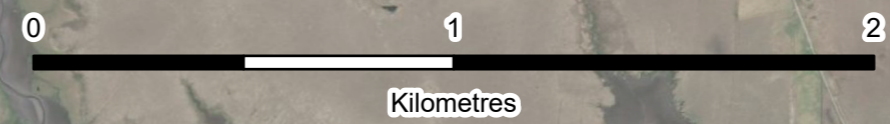


MUINGMORE WINDFARM
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**MAMMALS RECORDED AT
THE MAIN WIND FARM
DEVELOPMENT SITE**

FIGURE 5-6

Scale 1:18,000 @ A3 Date APRIL 2026



Doolough

Tristia

Gweesalia

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822000

402.064443:00001.0106.0 Mammals