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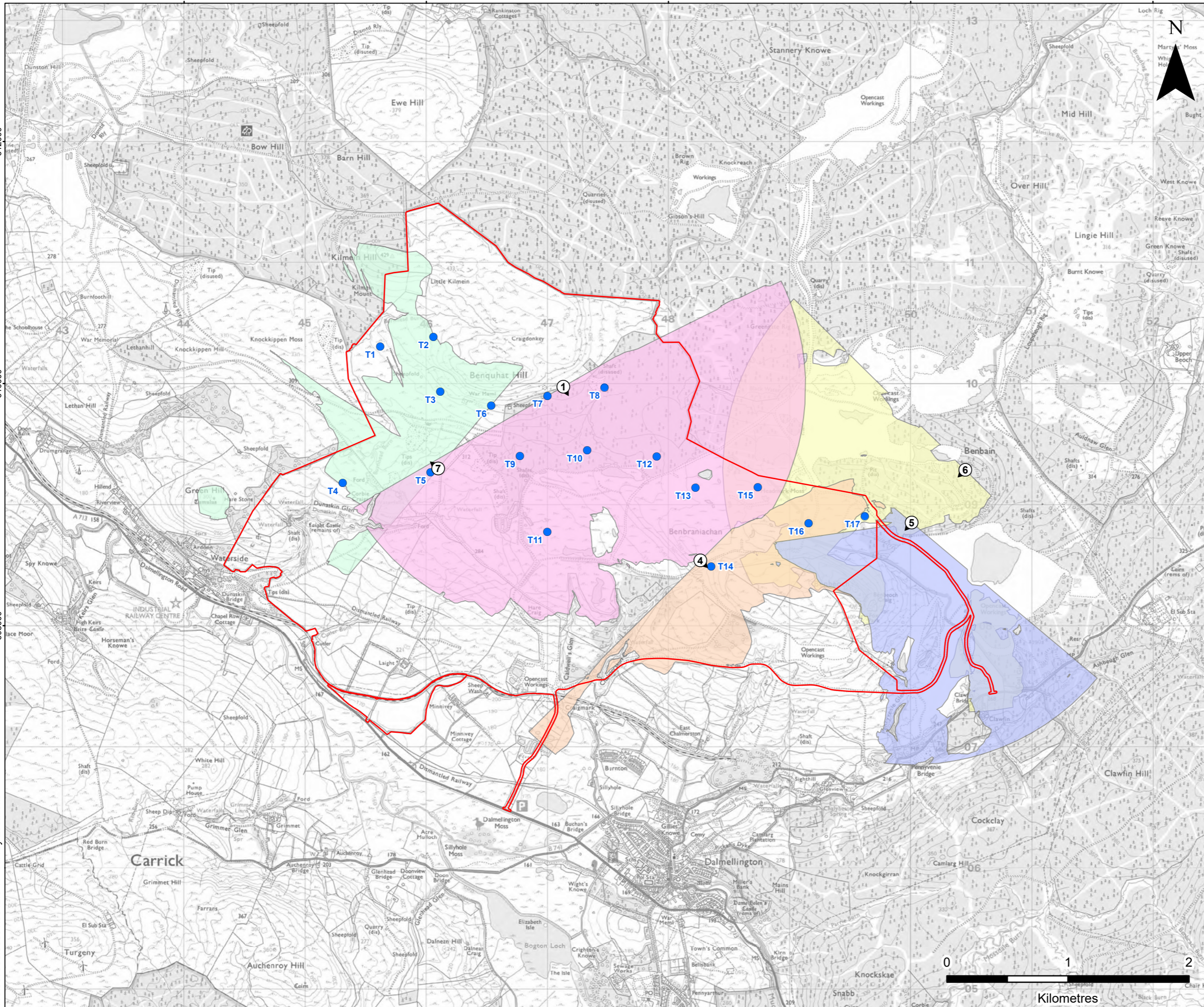
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413.057966.0001.0042.0 VP Survey Locations



LEGEND

- Site Boundary
- Proposed Turbine Location
- Vantage Points and Viewsheds**
- Vantage Point (VP)
- September 2023 – August 2024*
- Zone of Theoretical Visibility from VP1
- Zone of Theoretical Visibility from VP4
- Zone of Theoretical Visibility from VP5
- November 2025 – August 2026*
- Zone of Theoretical Visibility from VP6
- Zone of Theoretical Visibility from VP7



CHALMERSTON WINDFARM
SCOPING REPORT
VANTAGE POINT SURVEY
LOCATIONS AND VIEWSHEDS

FIGURE 7.1

Scale 1:30,000 @ A3 Date MAY 2026



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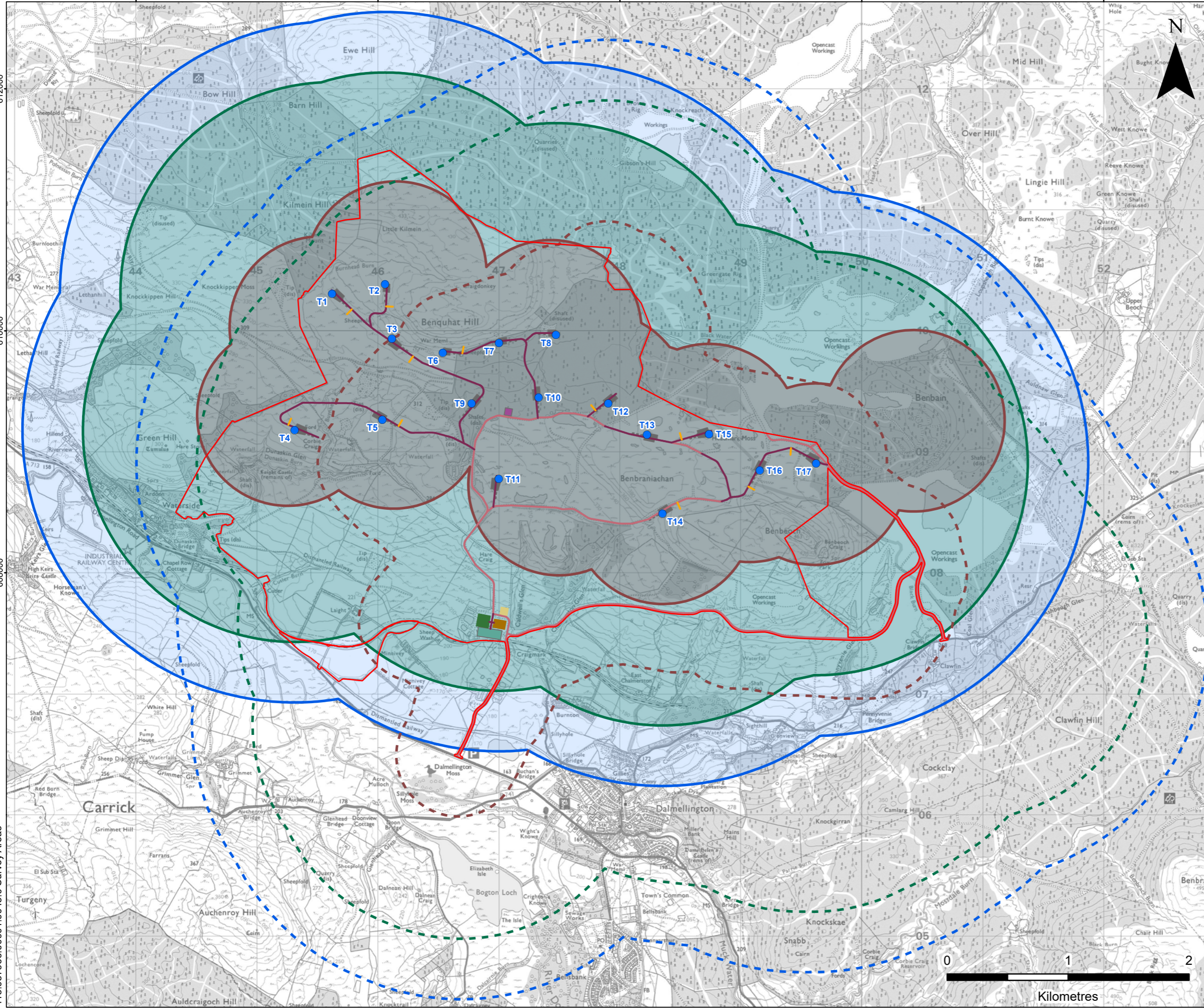
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413.057966.00001.0043.0 Survey Areas



LEGEND

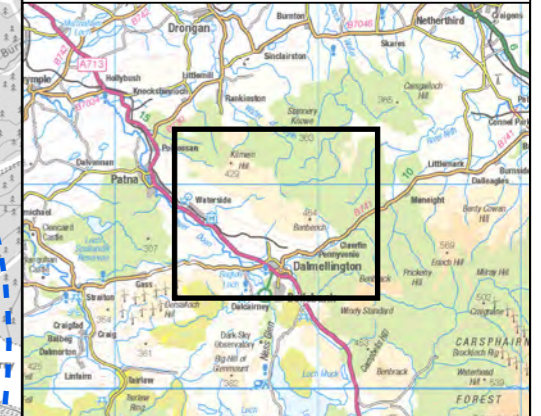
- Site Boundary
- Proposed Turbine Location
- Proposed Turning Head
- Existing Access Track
- Proposed Access Track
- Proposed Hardstanding
- Proposed Temporary Construction Compound
- Proposed Satellite Construction Compound
- Proposed Substation Construction Compound
- Proposed Substation
- Proposed BESS

Survey Areas 2023-2024

- 500 m
- 1.5 km
- 2 km

Survey Areas 2025-2026

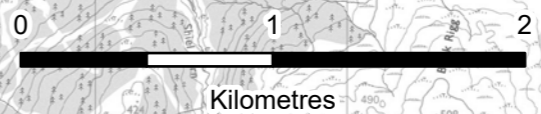
- 500 m
- 1.5 km
- 2 km

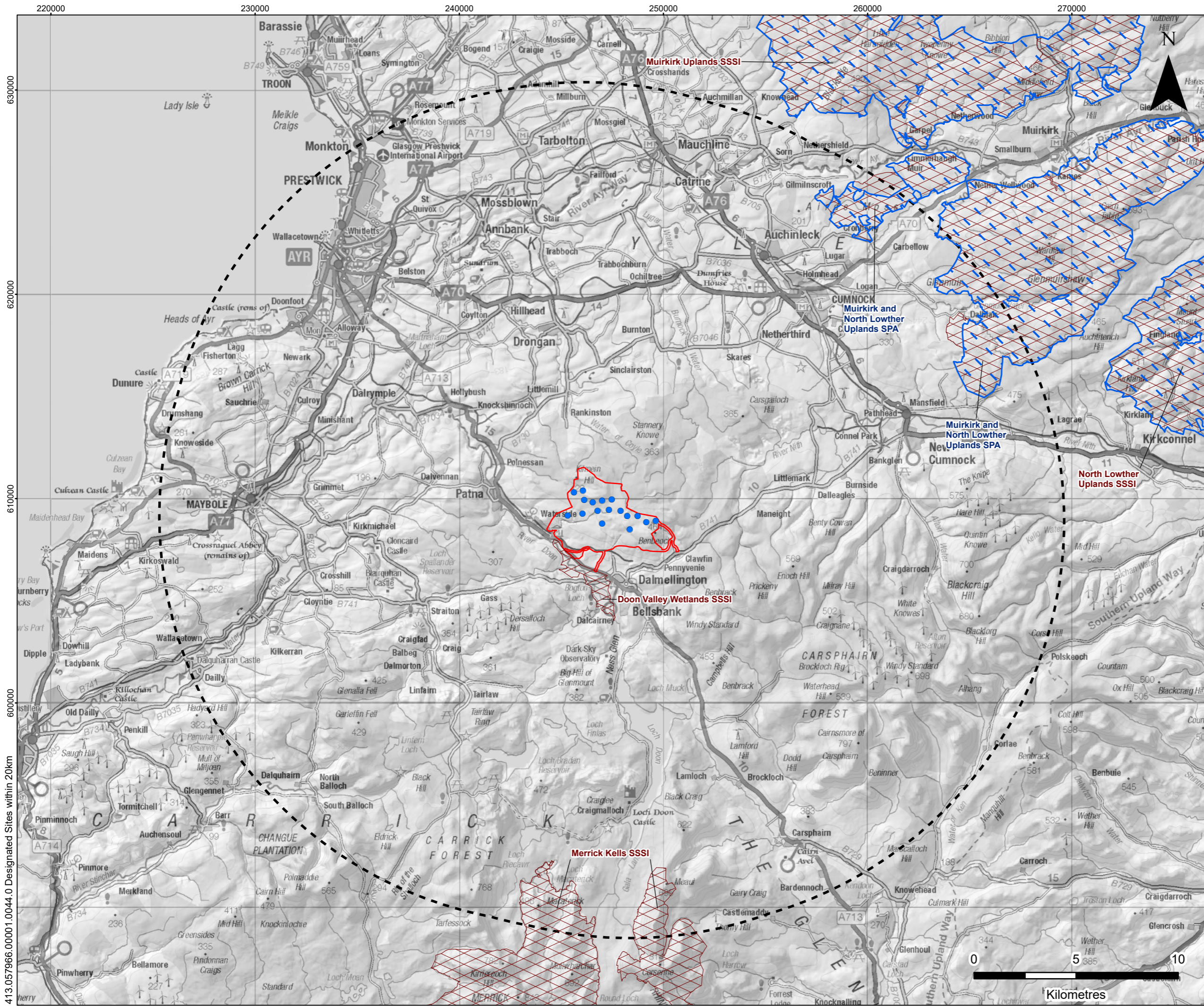


**CHALMERSTON WINDFARM
SCOPING REPORT
ORNITHOLOGICAL SURVEY AREAS**

FIGURE 7.2

Scale 1:30,000 @ A3 Date MAY 2026





LEGEND

- Site Boundary
- Proposed Turbine Location
- Ornithological Designated Site Study Area (Proposed Turbine 20 km Buffer)

Ornithology Designations

- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)

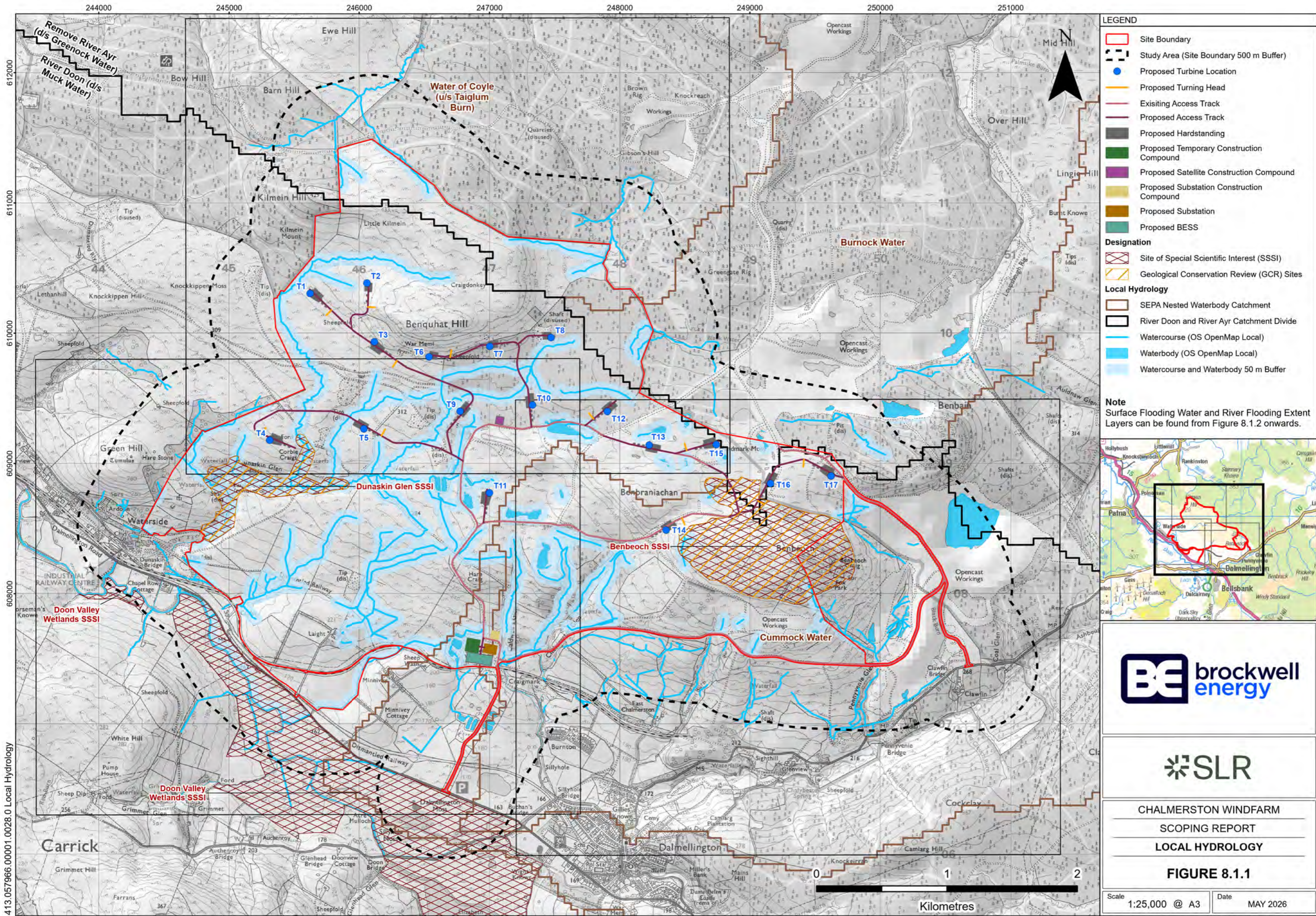
Note
Only Sites with Designations for Ornithology are Shown.



CHALMERSTON WINDFARM
SCOPING REPORT
ORNITHOLOGICAL DESIGNATED
SITES WITHIN 20 KM

FIGURE 7.3

Scale: 1:175,000 @ A3 Date: MAY 2026



LEGEND

- Site Boundary
- Study Area (Site Boundary 500 m Buffer)
- Proposed Turbine Location
- Proposed Turning Head
- Existing Access Track
- Proposed Access Track
- Proposed Hardstanding
- Proposed Temporary Construction Compound
- Proposed Satellite Construction Compound
- Proposed Substation Construction Compound
- Proposed Substation
- Proposed BESS

Designation

- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review (GCR) Sites

Local Hydrology

- SEPA Nested Waterbody Catchment
- River Doon and River Ayr Catchment Divide
- Watercourse (OS OpenMap Local)
- Waterbody (OS OpenMap Local)
- Watercourse and Waterbody 50 m Buffer

Note
Surface Flooding Water and River Flooding Extent Layers can be found from Figure 8.1.2 onwards.

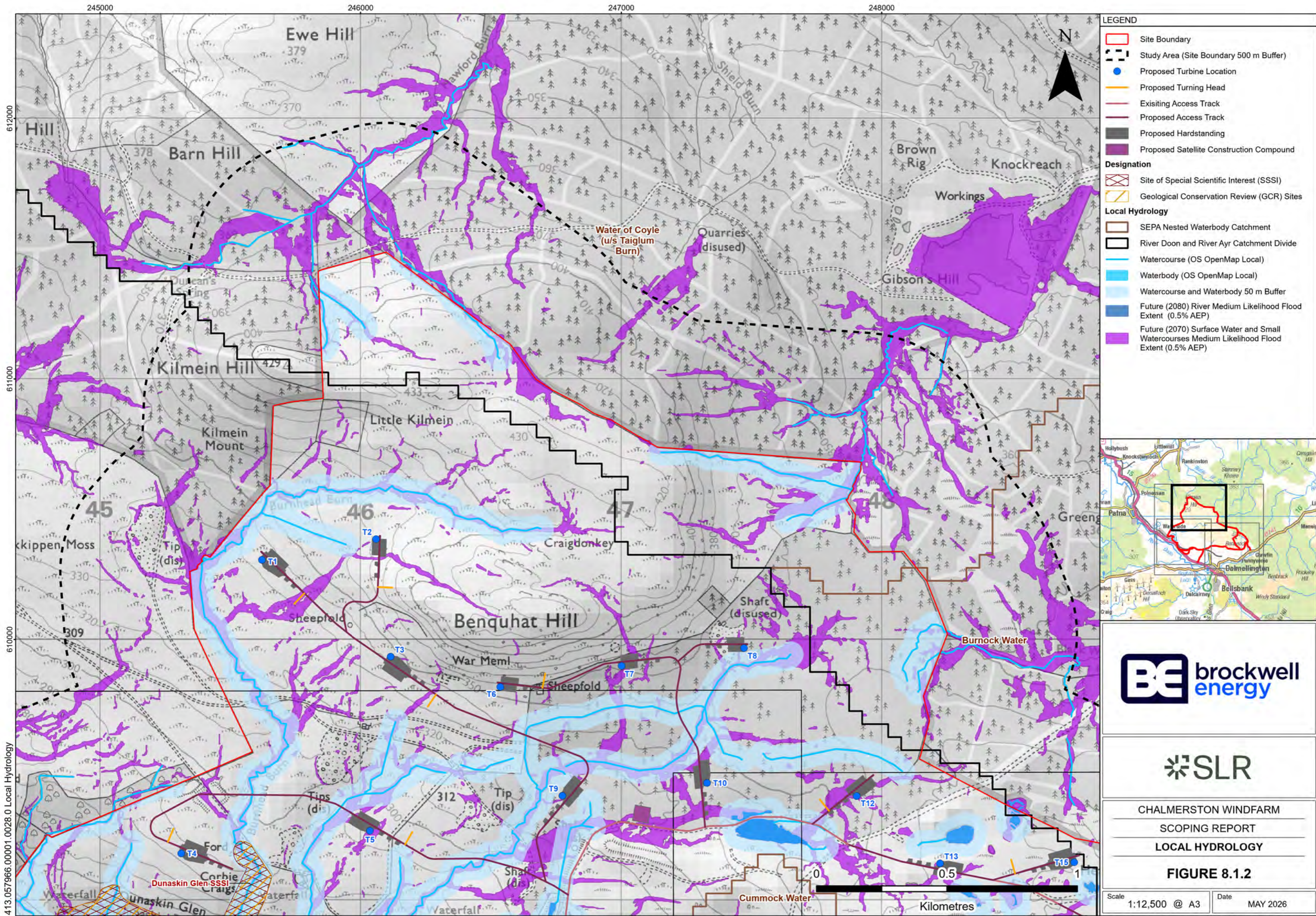


CHALMERSTON WINDFARM
SCOPING REPORT
LOCAL HYDROLOGY

FIGURE 8.1.1

Scale 1:25,000 @ A3 Date MAY 2026

413.057966.00001.0028.0 Local Hydrology



- LEGEND**
- Site Boundary
 - Study Area (Site Boundary 500 m Buffer)
 - Proposed Turbine Location
 - Proposed Turning Head
 - Existing Access Track
 - Proposed Access Track
 - Proposed Hardstanding
 - Proposed Satellite Construction Compound
- Designation**
- Site of Special Scientific Interest (SSSI)
 - Geological Conservation Review (GCR) Sites
- Local Hydrology**
- SEPA Nested Waterbody Catchment
 - River Doon and River Ayr Catchment Divide
 - Watercourse (OS OpenMap Local)
 - Waterbody (OS OpenMap Local)
 - Watercourse and Waterbody 50 m Buffer
 - Future (2080) River Medium Likelihood Flood Extent (0.5% AEP)
 - Future (2070) Surface Water and Small Watercourses Medium Likelihood Flood Extent (0.5% AEP)



CHALMERSTON WINDFARM
 SCOPING REPORT
 LOCAL HYDROLOGY

FIGURE 8.1.2

Scale 1:12,500 @ A3 Date MAY 2026

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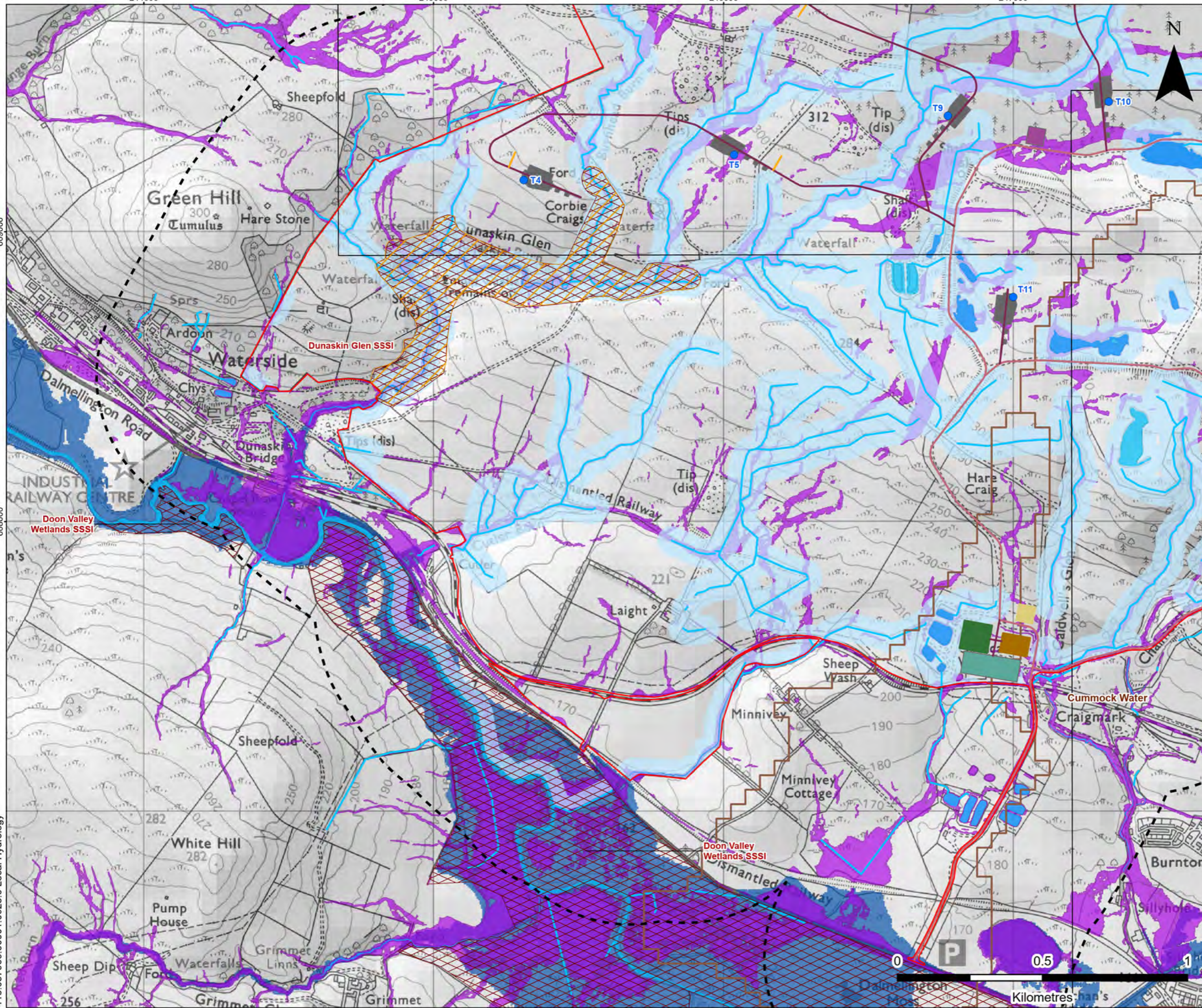
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413.057966.00001.0028.0 Local Hydrology



LEGEND

- Site Boundary
- Study Area (Site Boundary 500 m Buffer)
- Proposed Turbine Location
- Proposed Turning Head
- Existing Access Track
- Proposed Access Track
- Proposed Hardstanding
- Proposed Temporary Construction Compound
- Proposed Satellite Construction Compound
- Proposed Substation Construction Compound
- Proposed Substation
- Proposed BESS

Designation

- Site of Special Scientific Interest (SSSI)
- Geological Conservation Review (GCR) Sites

Local Hydrology

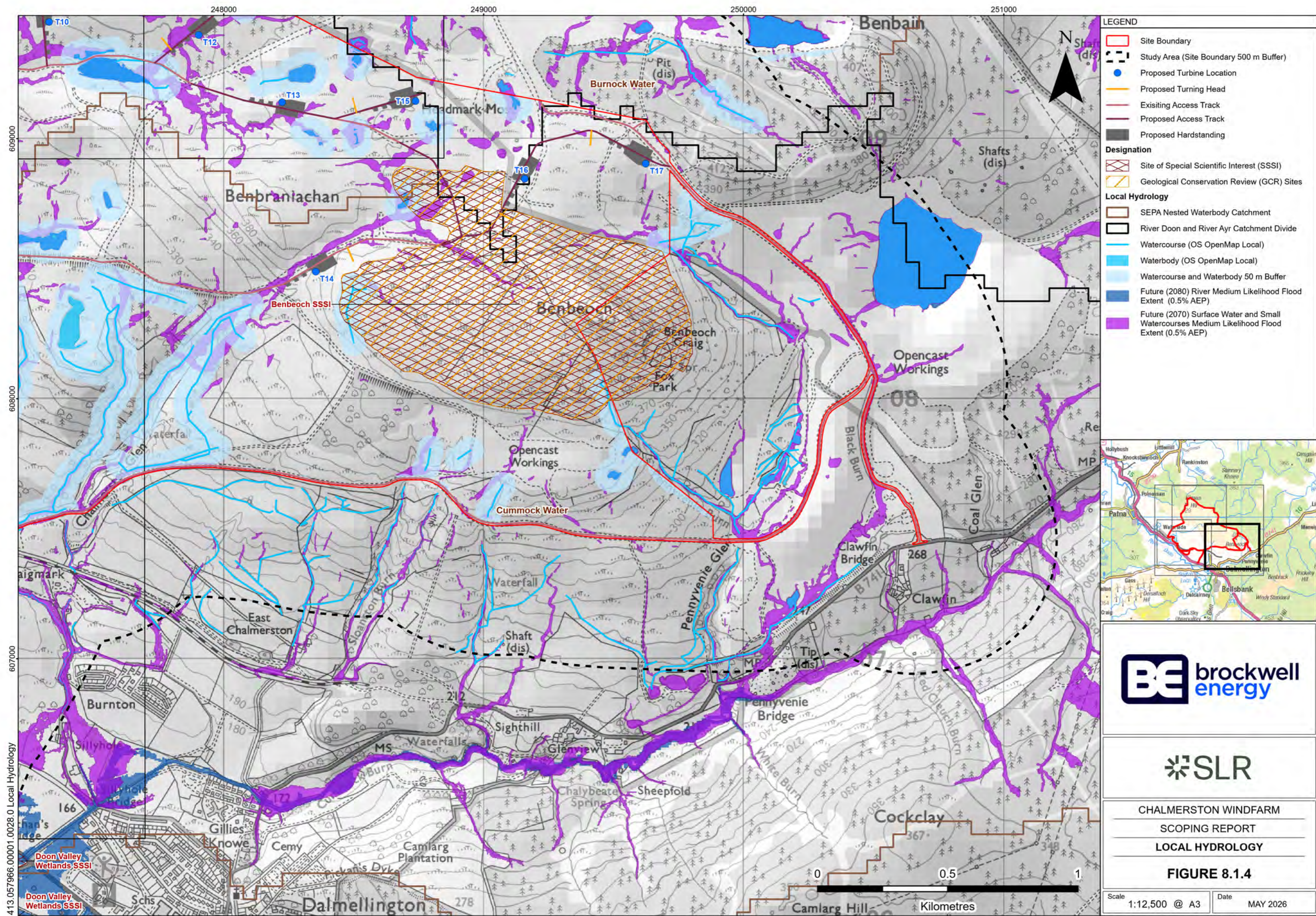
- SEPA Nested Waterbody Catchment
- River Doon and River Ayr Catchment Divide
- Watercourse (OS OpenMap Local)
- Waterbody (OS OpenMap Local)
- Watercourse and Waterbody 50 m Buffer
- Future (2080) River Medium Likelihood Flood Extent (0.5% AEP)
- Future (2070) Surface Water and Small Watercourses Medium Likelihood Flood Extent (0.5% AEP)



CHALMERSTON WINDFARM
 SCOPING REPORT
 LOCAL HYDROLOGY

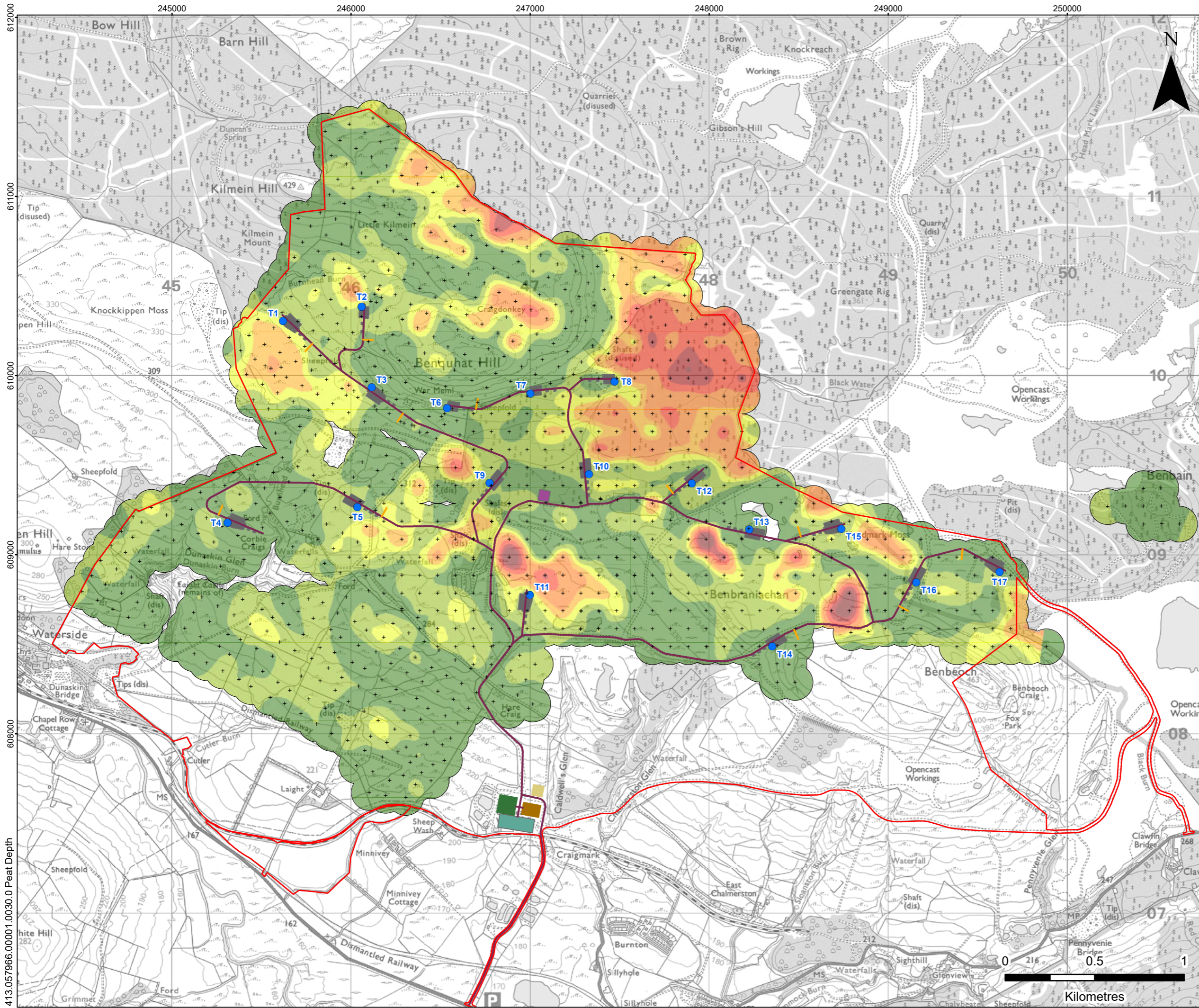
FIGURE 8.1.3

Scale: 1:12,500 @ A3 Date: MAY 2026



CHALMERSTON WINDFARM
SCOPING REPORT
LOCAL HYDROLOGY

FIGURE 8.1.4

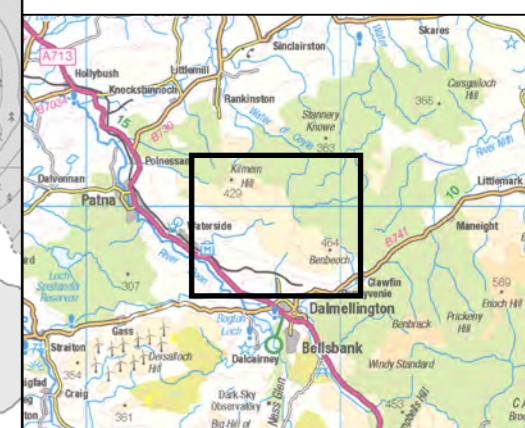


LEGEND

- Site Boundary
- Proposed Turbine Location
- Proposed Turning Head
- Proposed Access Track
- Proposed Hardstanding
- Proposed Temporary Construction Compound
- Proposed Satellite Construction Compound
- Proposed Substation Construction Compound
- Proposed Substation
- Proposed BESS
- + Peat Probe Location

Peat Depth (m)

- < 0.5
- 0.5 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5



CHALMERSTON WINDFARM
SCOPING REPORT
PEAT DEPTH

FIGURE 8.2

Scale: 1:20,000 @ A3 Date: APRIL 2026



LEGEND

- Site Boundary
- National Forest Estate Overlap
- Native Woodland Survey of Scotland
- Wind Farm Layout
- Buildings
- Proposed Tree Clearance

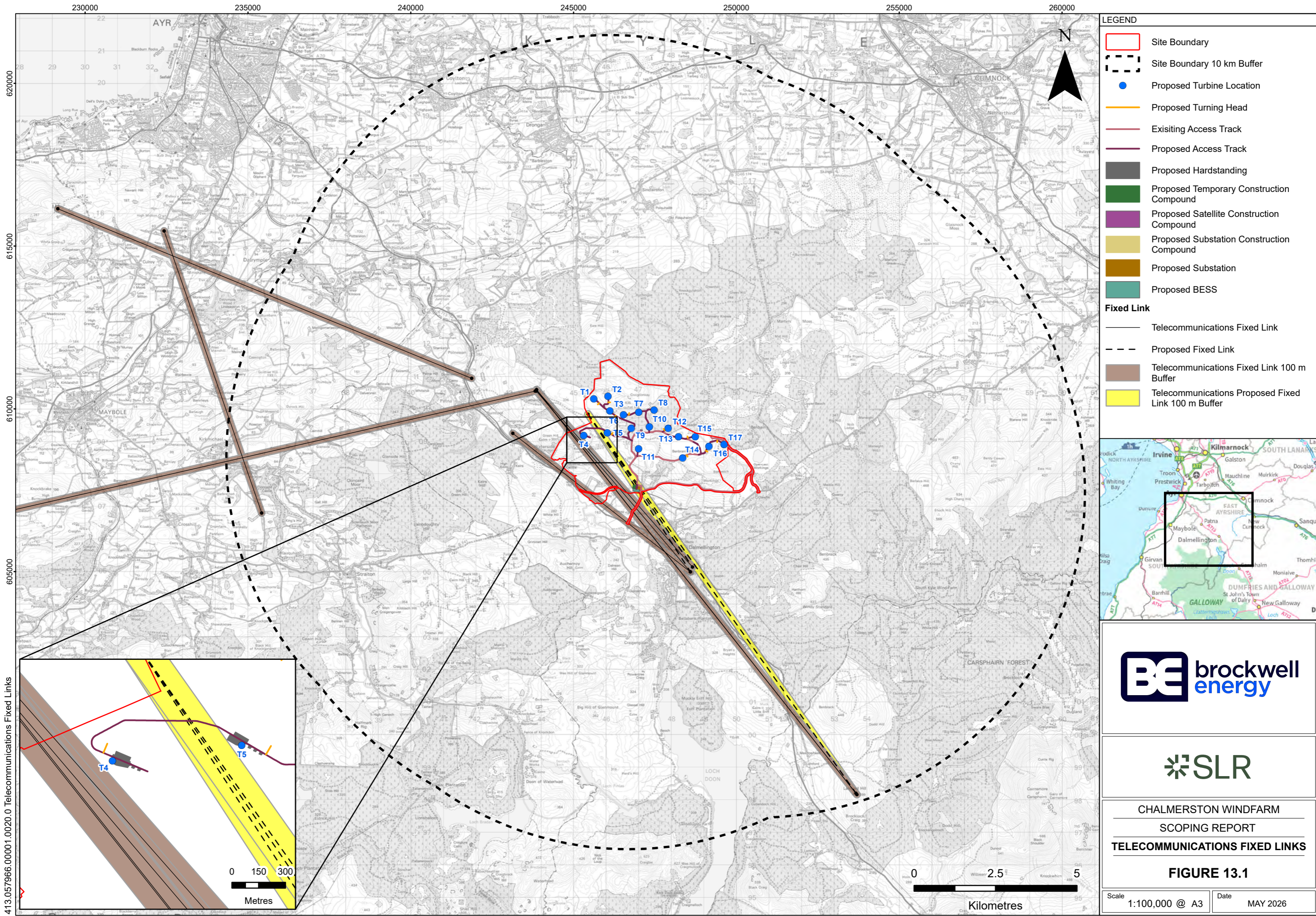
Woodland Type

- MB
- Conifer
- Open



CHALMERSTON WIND FARM
Figure 9.1: Forestry Review

Scale: 1:20,000 @ A3 Date: May 2026



LEGEND

- Site Boundary
- Site Boundary 10 km Buffer
- Proposed Turbine Location
- Proposed Turning Head
- Existing Access Track
- Proposed Access Track
- Proposed Hardstanding
- Proposed Temporary Construction Compound
- Proposed Satellite Construction Compound
- Proposed Substation Construction Compound
- Proposed Substation
- Proposed BESS

Fixed Link

- Telecommunications Fixed Link
- Proposed Fixed Link
- Telecommunications Fixed Link 100 m Buffer
- Telecommunications Proposed Fixed Link 100 m Buffer



CHALMERSTON WINDFARM
SCOPING REPORT
TELECOMMUNICATIONS FIXED LINKS

FIGURE 13.1

Scale: 1:100,000 @ A3 Date: MAY 2026

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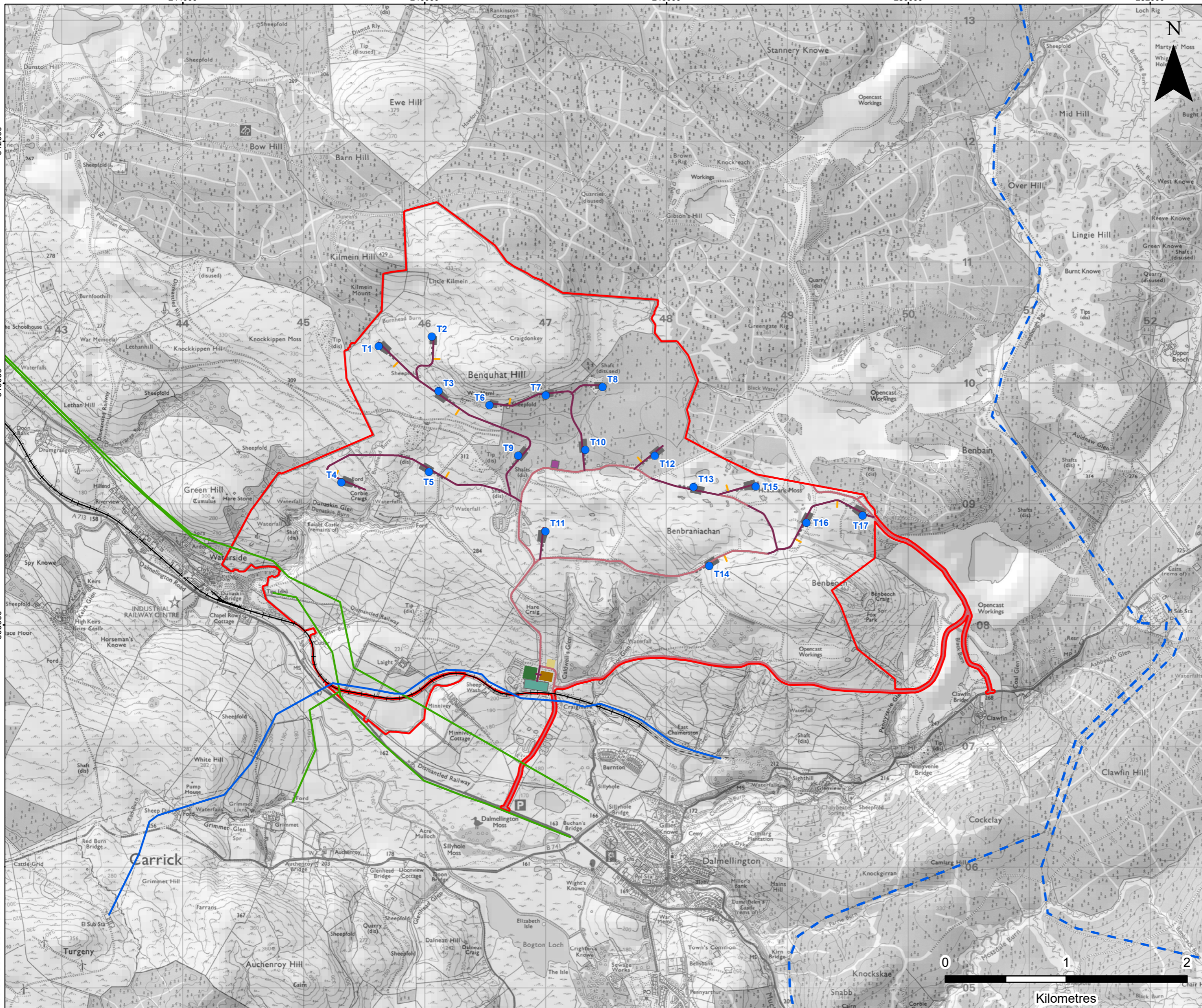
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413.057966.00001.0026.0 Infrastructure



LEGEND

- Site Boundary
- Proposed Turbine Location
- Proposed Turning Head
- Existing Access Track
- Proposed Access Track
- Proposed Substation
- Proposed Substation Construction Compound
- Proposed Temporary Construction Compound
- Proposed Hardstanding
- Proposed Satellite Construction Compound
- Proposed BESS
- + + + Railway Line

Electricity Overhead Line (OS OpenMap Local)

- Transmission

Electricity Overhead Line (Indicative from Aerial Imagery)

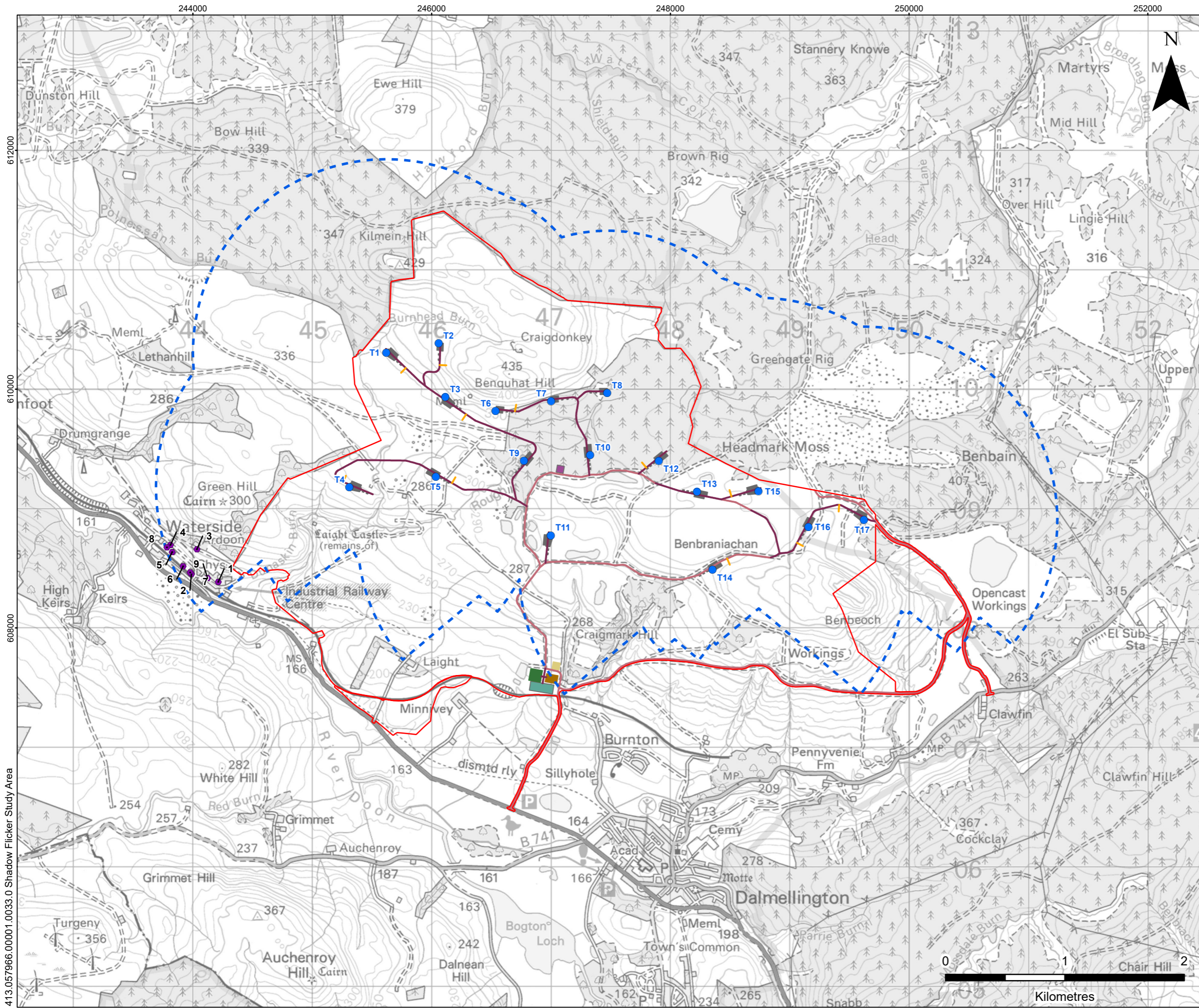
- Distribution
- Transmission



CHALMERSTON WINDFARM
SCOPING REPORT
INFRASTRUCTURE

FIGURE 13.2

Scale 1:30,000 @ A3 Date MAY 2026



LEGEND

- Site Boundary
- Proposed Turbine Location
- Study Area (10 x Rotor Diameter)
- Proposed Turning Head
- Existing Access Track
- Proposed Access Track
- Proposed Hardstanding
- Proposed Temporary Construction Compound
- Proposed Satellite Construction Compound
- Proposed Substation Construction Compound
- Proposed Substation
- Proposed BESS
- Residential Receptor



CHALMERSTON WINDFARM
SCOPING REPORT
SHADOW FLICKER STUDY AREA

FIGURE 14.1

Scale 1:30,000 @ A3 Date MAY 2026

413.057966.0001.0033.0 Shadow Flicker Study Area