

Glensalloch Wind Farm

Figure 9.1
Designated Cultural Heritage Assets

LEGEND

- Proposed Turbine Location
- Proposed Turbine Location 5 km Buffer
- Proposed Turbine Location 10 km Buffer
- Site Boundary
- Listed Buildings (Category)
 - A
 - B
 - C
- Conservation Area
- Scheduled Monument (Centre Point)
- Scheduled Monument
- Inventory Garden and Designed Landscape
- Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth
 - No. of Blade Tips Theoretically Visible
 - 1 - 3
 - 4 - 6
 - 7 - 8
 - 10 - 12
 - 13 - 15

Note
Scheduled Monuments, Category A Listed Buildings, and Inventory Garden and Designed Landscapes labelled out to 10 km buffer of Proposed Turbine Locations.
Category B Listed Buildings labelled out to 5 km buffer of Proposed Turbine Locations.

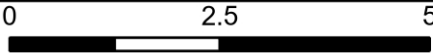
Note
This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension. The digital terrain model (DTM) has been derived from OS Terrain 50 dataset (+/-10m). Earth curvature has been included in the ZTV calculation and refraction of light has been applied using SNH guidance settings. The ZTV has been generated from a viewing height of 2m above ground level which falls within recommendations by "Visual Representation of Windfarms" prepared for Scottish Natural Heritage (SNH) February 2017 - Version 2.2.

The use of ZTV mapping at this stage is limited and the following assumptions should be noted:

•The ZTV has been generated using the proposed turbine locations for Glensalloch Wind Farm.

•The proposed turbine blade tip height of 220 m has been used for generating the ZTV.

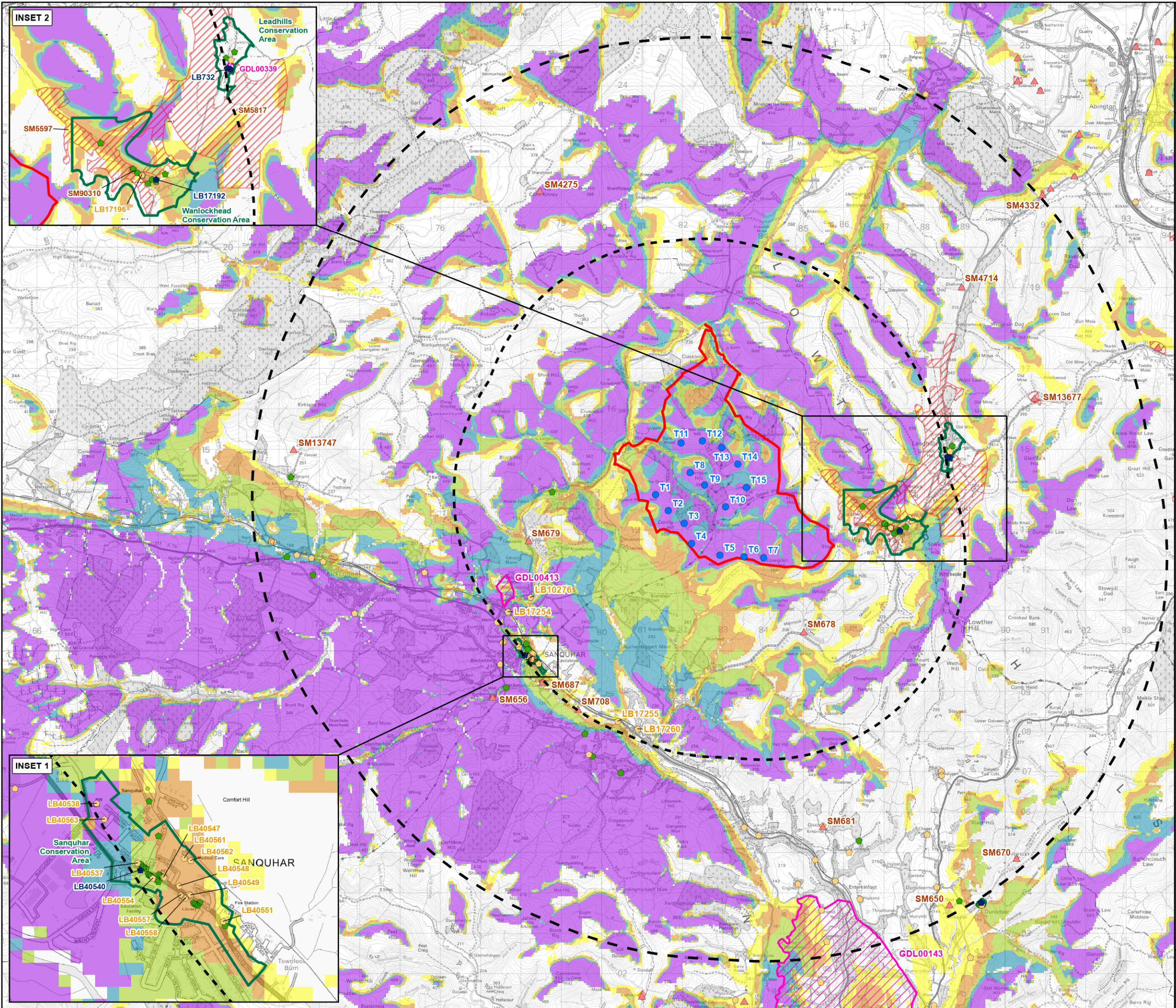
•The ZTV is generated from a bare earth terrain and does not account for the screening effect of features within the landscape such as settlements and woodland. It does not indicate potential visual effects or show the likely significance of effects. It shows potential theoretical visibility only. The ZTV has been produced for the purpose of informing 'on the ground' visual assessment.



Ref:	405.065768.00001.0006.0
Date:	30/07/2025
Paper Size:	A3
Scale:	1:90,000
Drawn by:	PW



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INSET 2

INSET 1