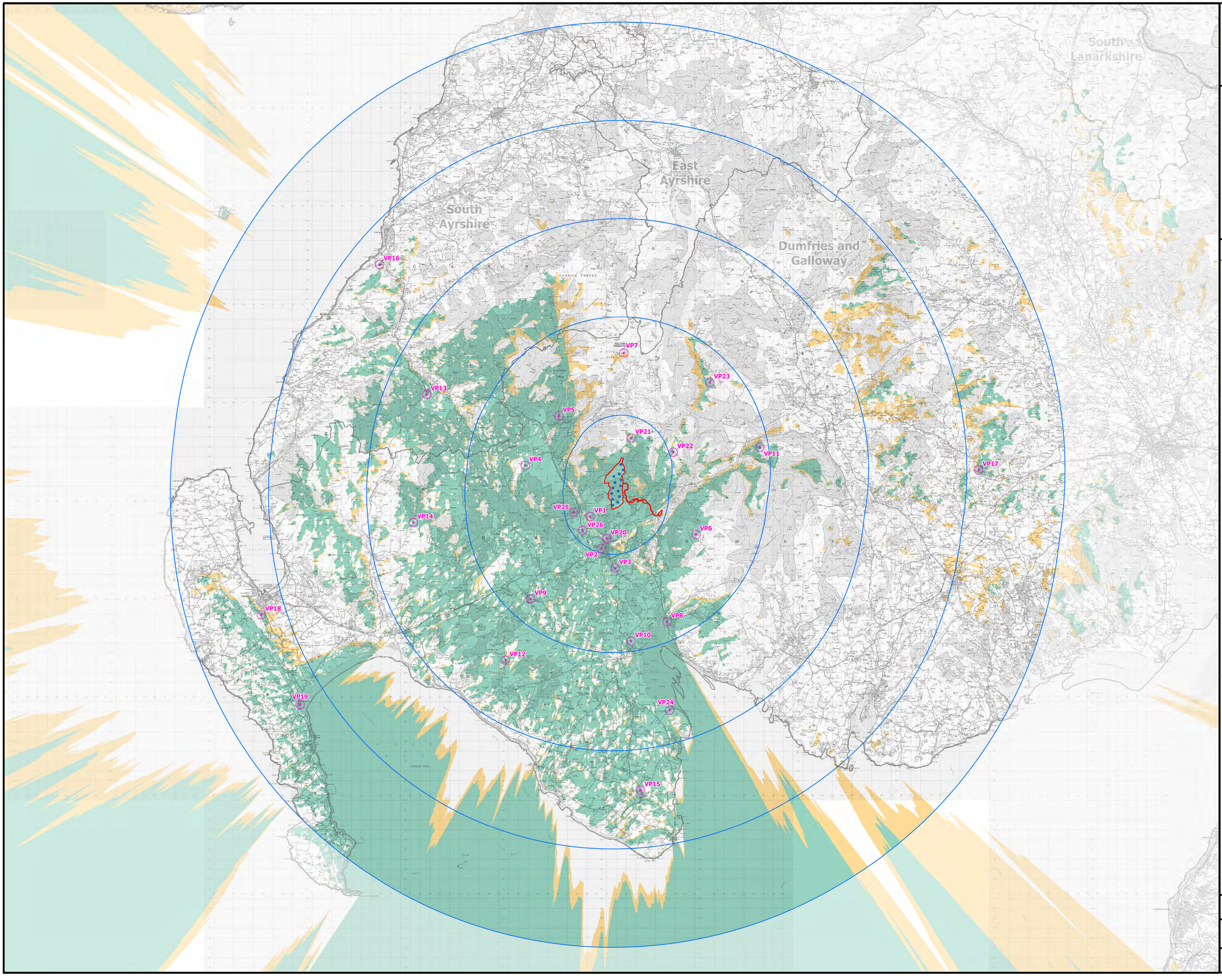

BLAIR HILL WIND FARM

FIGURE 6.5

ZONE OF THEORETICAL VISIBILITY (ZTV) STUDY - BAREGROUND (45KM)

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- Proposed Turbines (T1 to T12 165m hub, 250m tip; T13 and T14 125m hub, 210m tip)
- Site Boundary
- Distance from Proposed Turbines (5, 15, 25, 35, 45km)

Zone of Theoretical Visibility (ZTV) (computer generated)

- Hub
- Blade Tip
- Viewpoints

VP1: Drumwhirn Cairn, Moor of Barclye
VP2: Corsbie Road, Newton Stewart
VP3: NCR73/A714 at Nether Barr
VP4: Glenvernoch Fell / Hill of Ochiltree
VP5: NCR7 on Minor Road North of Glentrool Village
VP6: Cairnsmore of Fleet
VP7: Merrick
VP8: A75 near Creetown
VP9: Kirkcowan
VP10: NCR73 on Minor Road North of Wigtown
VP11: Benniguinea Lookout
VP12: Mochrum Lochs LLA, Moor of Drumwall
VP13: Minor Road near Barhill Station
VP14: Southern Upland Way near Artfield Fell
VP15: A76 North of Whithorn
VP16: Byne Hill
VP17: A712 east of Corsock
VP18: Southern Upland Way near Stranraer
VP19: Sandhead
VP20: Monigaff Parish Church
VP21: Lamachan Hill
VP22: Millfore
VP23: Meikle Millyea
VP24: Innerwell Fishery approach
VP25: Penninghame Estate pond, Castle Stewart
VP26: Challoch Church

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the viewshed routine in the ESRI ArcGIS Suite. The areas shown are the maximum theoretical visibility, taking into account topography only, which has been included in the model with the heights obtained from Nextmap 25. The model does not take into account any above ground features and therefore gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be noticeably less than that suggested by this plan and visibility from principal settlements is likely to be possible from peripheral areas only.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on Nextmap 25 terrain data and has a 25m^2 resolution.

SCALE - 1:175,000 @ A1

ENVIRONMENTAL IMPACT ASSESSMENT REPORT 2024

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