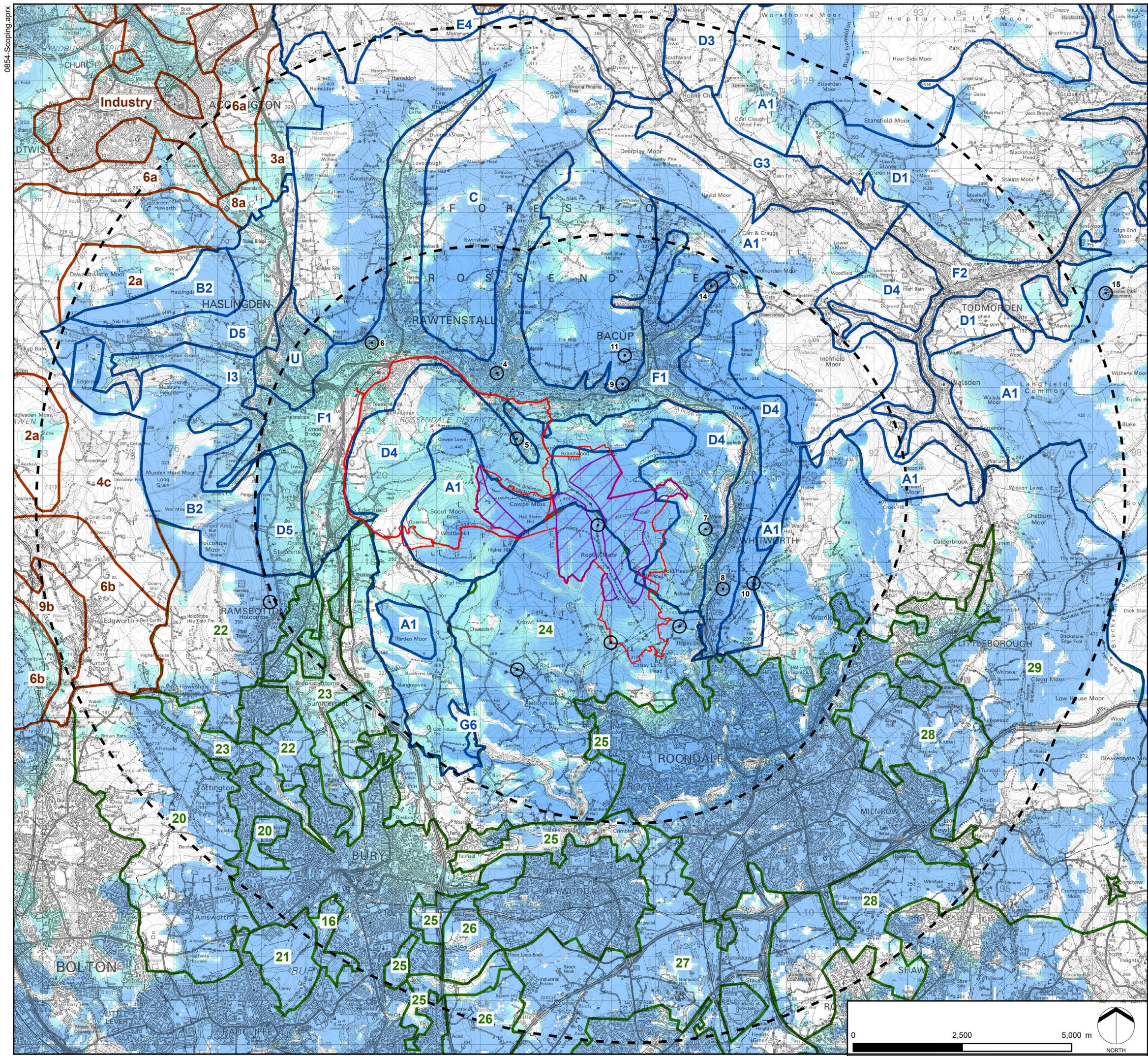




SCOUT MOOR II

FIGURE 11.7
Bare Earth ZTV with Local Landscape Character

KEY

- Assessment Boundary
- Turbine Development Zones
- Distance Radii from Development Areas (5, 10km)
- Proposed Viewpoints

South Pennines Local Landscape Character Types and Areas (2014)

- Landscape Character Areas

Oldham Landscape Character Assessment (2009)

- Landscape Character Areas

Lancashire Landscape Character Assessment (2000)

- Landscape Character Areas

Zone of Theoretical Visibility (180m to blade tip)

- More theoretical visibility
- Less theoretical visibility

FIGURE DATA:
This figure has been based on the following data:

Layout file: D005-obvs-BT-T5-5km.shp; D005-obvs-BT-T50-45km.shp
Terrain data: T5-DTM.asc; T50-DTM-45km.asc
Viewer's eye height: 2m above ground level
Calculation grid size: 5m (to 5km from development areas) / 50m (beyond)

NOTES:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking topography into account.

This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.

The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m² (to 5km from development areas) / 50m² resolution.

Projected Coordinate System: British National Grid
Client: Cubico UK Development (Wind 1) Limited

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