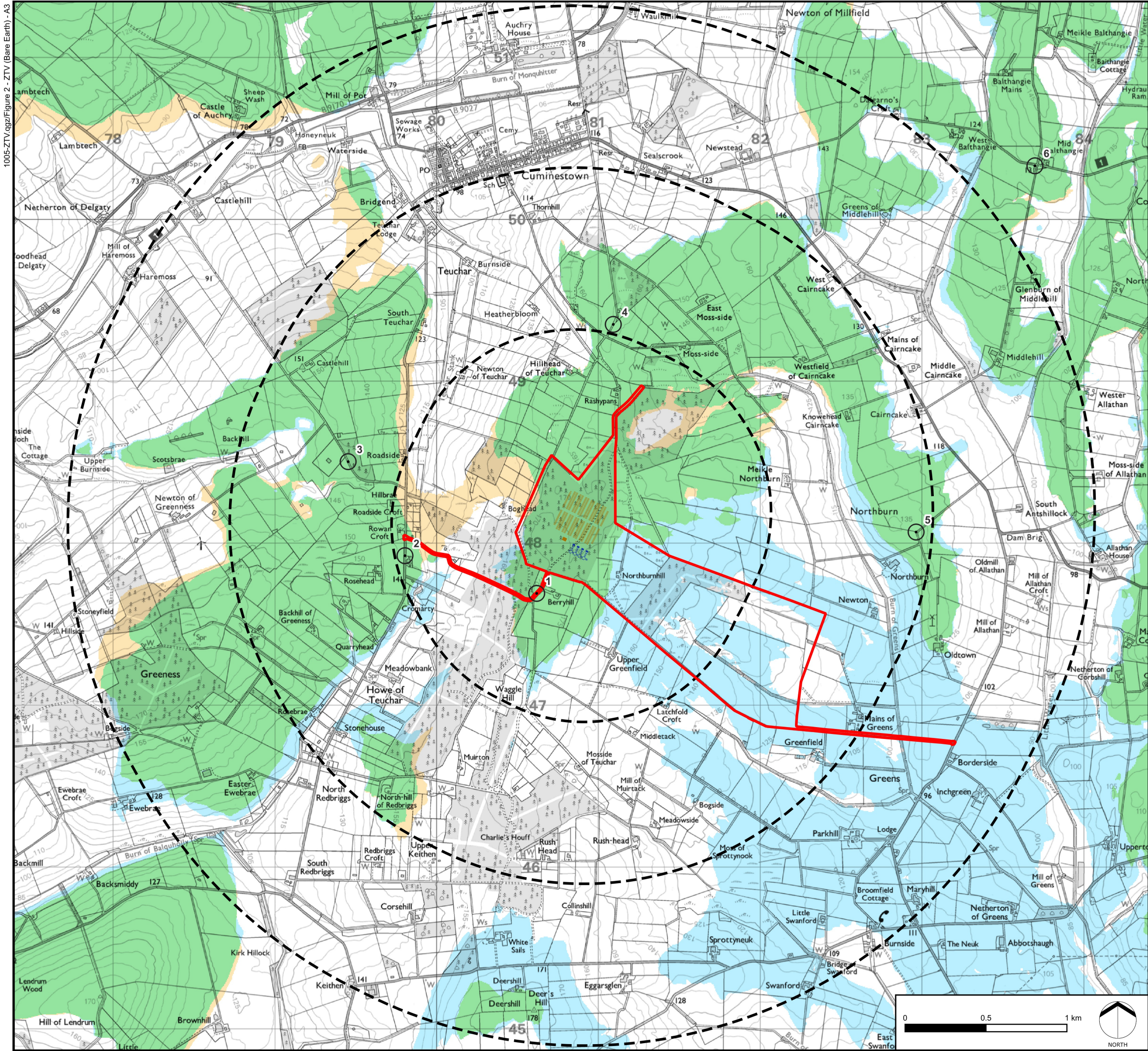


NEW DEER 2 BESS

FIGURE 2
Zone of Theoretical Visibility - Bare Earth



KEY

- Planning Boundary
- Distance Radii from BESS units, Control building and Transformers (1, 2 and 3km)
- Viewpoints
- BESS units, Control building and Water Tanks (modelled at 3.2, 4.9 and 6.79m)
- Transformers (modelled at 8.3m)

Zone of Theoretical Visibility

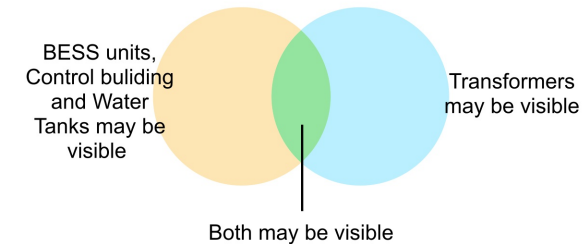


FIGURE DATA:
This figure has been based on the following data:

Layout file: D002-obs-BESS_Units-3.2m+Control-Buildings-4.9m-T5_Proposed_Levels-5.5km + D002-obs-Transformer-8.3m-T5_Proposed_Levels-5.5km
Terrain data: T5-DTM-with-Proposed-Levels
Viewer's eye height: 2m above ground level
Calculation grid size: 5m

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 derived DTM and has a 5m² resolution.

Projected Coordinate System: OSGB36 / British National Grid

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