



Figure 1: Preliminary Zone of Theoretical Visibility (ZTV) for BESS and Substation, and Landscape and Visual Baseline Information

- Site boundary
- BESS compound and substation development area buffers
- Proposed substation development area
- Proposed Battery Energy Storage System (BESS) development area
- Proposed track extent
- Core path
- Landscape Character Type (LCT)
- Viewpoint
- VP1: A9 north of Spittal at entrance to quarry
- VP2: Road to Halkirk west of Hayfold Cottage
- VP3: Bridge Street, Yellow Moss
- VP4: Achanarras Hill Quarry
- VP5: Approach to Spittal Hill
- Theoretical Visibility**
- Proposed substation development area visible only
- Proposed BESS development area visible only
- Proposed substation and BESS development areas visible

Note:

The ZTV is calculated from maximum BESS (2.9m) and substation heights (4.5m), using a point grid with 50m spacing.

ZTV calculated from a viewing height of 2m above ground level.

The terrain model assumes bare ground and is derived from OS Terrain 5 height data. Earth curvature and atmospheric refraction have been taken into account.

The ZTV was calculated using ArcGIS Pro 3.4.0 software.