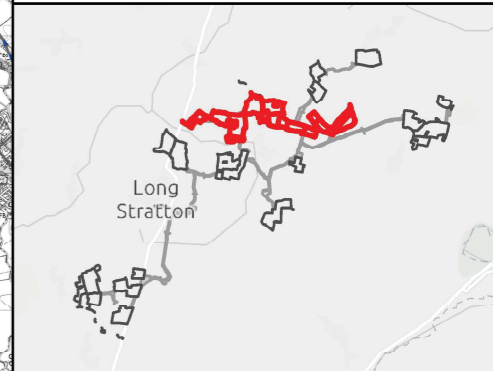
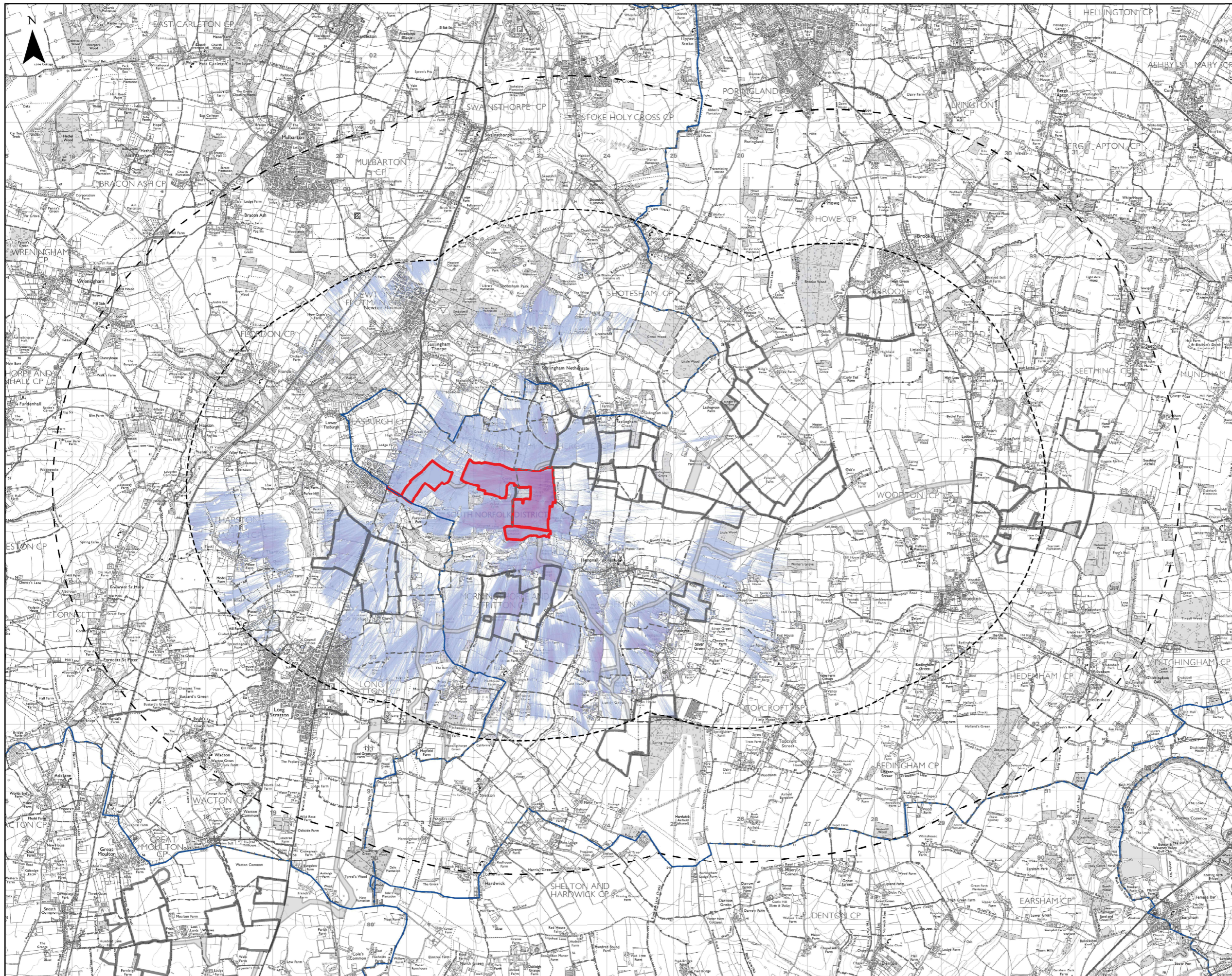


- ### Legend
- The Site Boundaries (Site 7)
  - 5km Search Area
  - 3km Search Area
  - PRoW
  - Long Distance Paths
  - View Locations
  - View Locations Relating to Other Sites
- Zone of Theoretical Visibility (ZTV) of proposed Sites:
- Visibility using DSM<sup>1</sup>
  - Visibility using DTM<sup>2</sup>

- ### NOTES:
- 1) This ZTV was run on a Digital Surface Model (DSM) using National LIDAR Programme data, 1m resolution grid (2021 and 2022).
  - 2) This ZTV was run on a Digital Terrain Model (DTM) using National LIDAR Programme data, 1m resolution grid (2021 and 2022).
  - 3) The ZTV was created using ESRI ArcGIS Pro version 3.5.2 Spatial Analyst tool.
  - 4) The ZTV illustrates the area of theoretical visibility of the defined area.
  - 5) The following heights were used:
    - Solar array: 4.5m
    - 132kV substations: 7m
  - 6) Observer height was set to 1.6m.
  - 7) Viewsheds have been clipped to a 3km search area for DSM and 5km search area for DTM.
  - 8) The ZTV analysis remains only as a tool in the visual appraisal of the project. It's accuracy is limited to the digital information that it has been based upon and the algorithm used in it's calculation.
  - 9) The ZTV analysis only considers the Solar arrays and 132kV substation within Site 7.





**Legend**

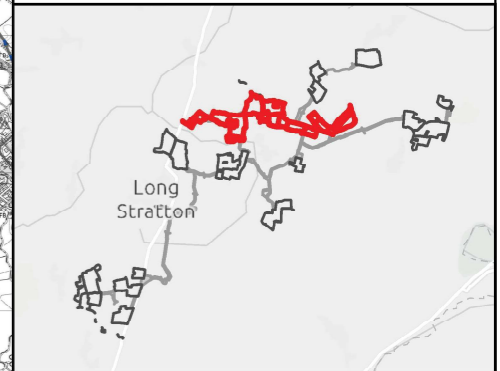
- The Site Boundaries (Site 7)
- 5km Search Area
- 3km Search Area
- PRoW
- Long Distance Paths

Graded Zone of Theoretical Visibility (ZTV) of proposed Sites:

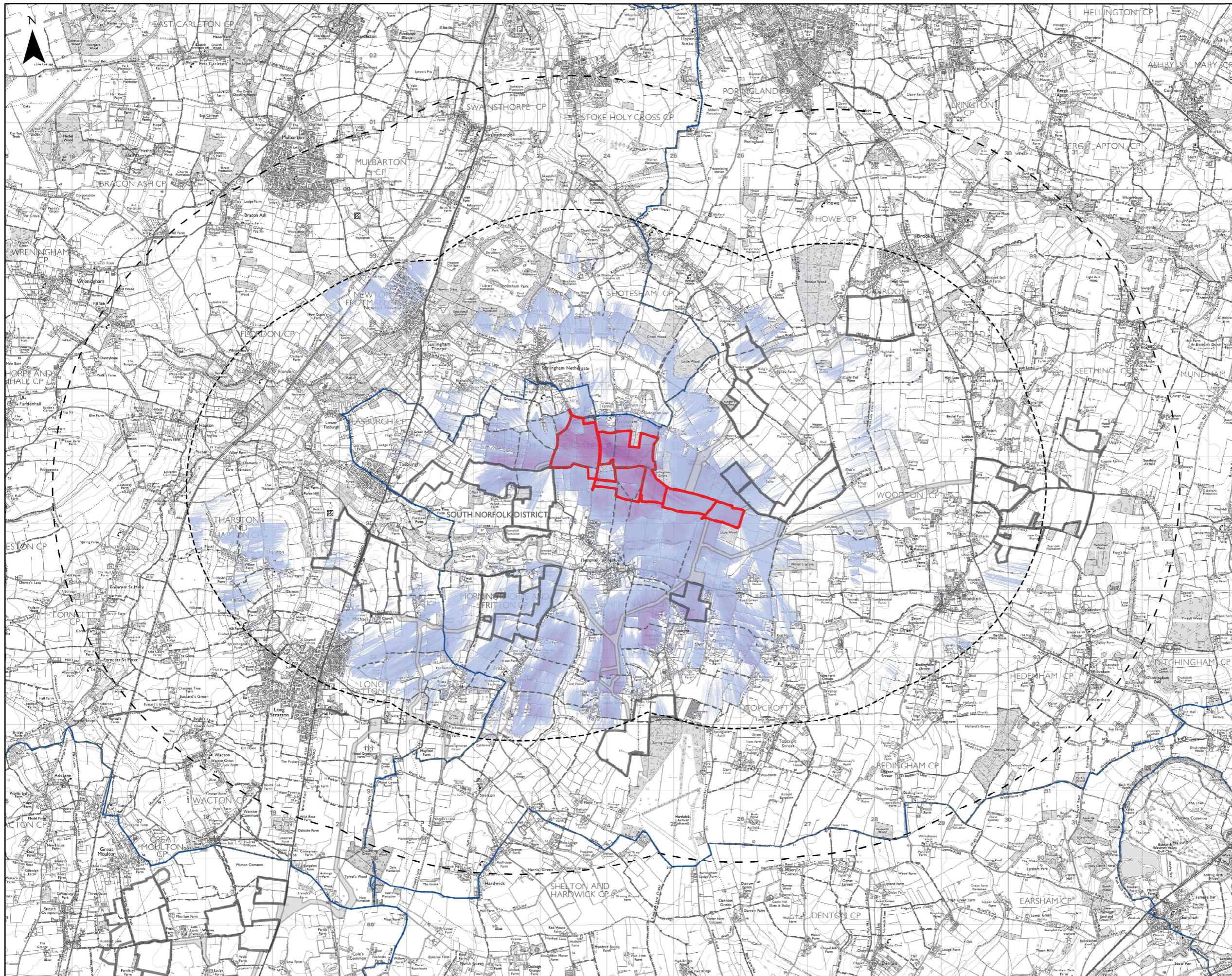
More Visibility

Less Visibility

- NOTES:**
- 1) This ZTV was run on a Digital Surface Model (DSM) using National LIDAR Programme data, 1m resolution grid (2021 and 2022).
  - 2) The ZTV was created using ESRI ArcGIS Pro version 3.5.2 Spatial Analyst tool.
  - 3) The ZTV illustrates the area of theoretical visibility of the defined area.
  - 4) The following heights were used:
    - Solar array: 4.5m
  - 5) Observer height was set to 1.6m.
  - 6) Viewsheds have been clipped to a 3km search area for DSM.
  - 7) The ZTV analysis remains only as a tool in the visual appraisal of the project. It's accuracy is limited to the digital information that it has been based upon and the algorithm used in it's calculation.
  - 8) The ZTV analysis only considers the Solar arrays of sub-sites 7A, 7B and 7C within Site 7.



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



**Legend**

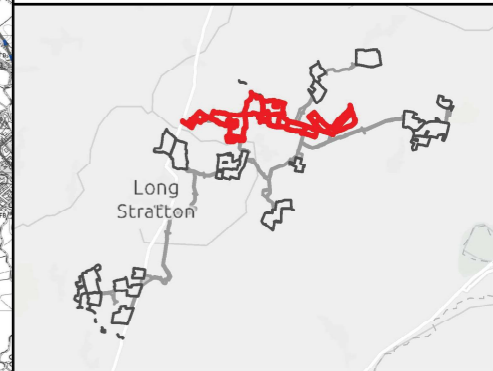
- The Site Boundaries (Site 7)
- 5km Search Area
- 3km Search Area
- PRow
- Long Distance Paths

Graded Zone of Theoretical Visibility (ZTV) of proposed Sites:

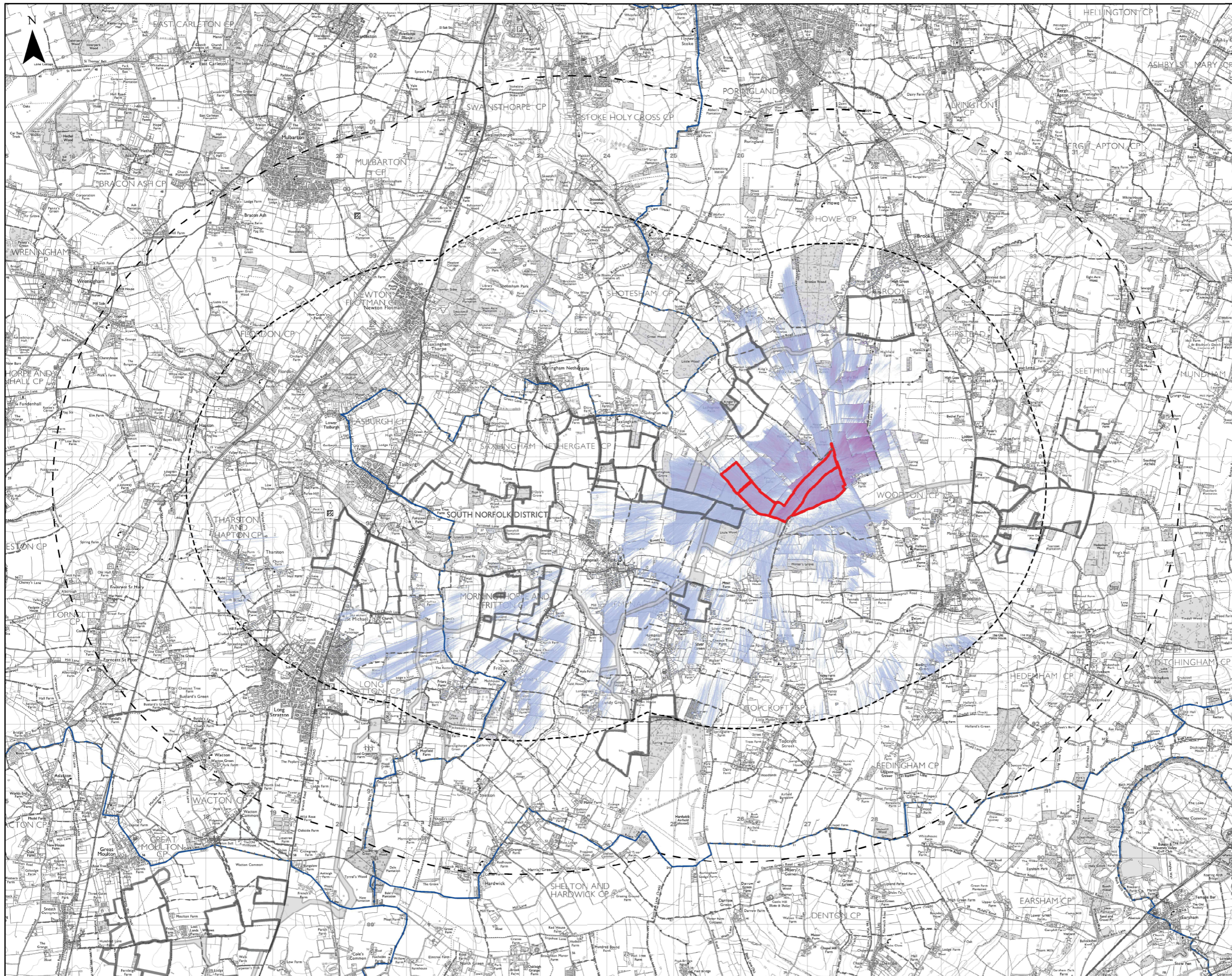
More Visibility

Less Visibility

- NOTES:**
- 1) This ZTV was run on a Digital Surface Model (DSM) using National LIDAR Programme data, 1m resolution grid (2021 and 2022).
  - 2) The ZTV was created using ESRI ArcGIS Pro version 3.5.2 Spatial Analyst tool.
  - 3) The ZTV illustrates the area of theoretical visibility of the defined area.
  - 4) The following heights were used:
    - Solar array: 4.5m
    - 132kV substations: 7m
  - 5) Observer height was set to 1.6m.
  - 6) Viewsheds have been clipped to a 3km search area for DSM.
  - 7) The ZTV analysis remains only as a tool in the visual appraisal of the project. It's accuracy is limited to the digital information that it has been based upon and the algorithm used in it's calculation.
  - 8) The ZTV analysis only considers the Solar arrays of sub-sites 7D, 7E, 7F, 7G and 7H, and 132kV substation within Site 7.



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



**Legend**

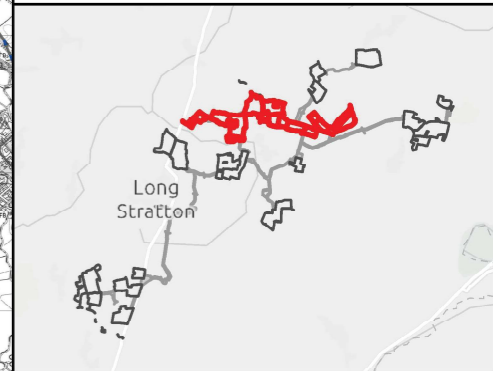
- The Site Boundaries (Site 7)
- 5km Search Area
- 3km Search Area
- PRow
- Long Distance Paths

Graded Zone of Theoretical Visibility (ZTV) of proposed Sites:

More Visibility

Less Visibility

- NOTES:**
- 1) This ZTV was run on a Digital Surface Model (DSM) using National LIDAR Programme data, 1m resolution grid (2021 and 2022).
  - 2) The ZTV was created using ESRI ArcGIS Pro version 3.5.2 Spatial Analyst tool.
  - 3) The ZTV illustrates the area of theoretical visibility of the defined area.
  - 4) The following heights were used:
    - Solar array: 4.5m
  - 5) Observer height was set to 1.6m.
  - 6) Viewsheds have been clipped to a 3km search area for DSM.
  - 7) The ZTV analysis remains only as a tool in the visual appraisal of the project. It's accuracy is limited to the digital information that it has been based upon and the algorithm used in it's calculation.
  - 8) The ZTV analysis only considers the Solar arrays of sub-sites 7I, 7J, 7K and 7L within Site 7.



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community