



**Legend**

- Proposed Solar Panel Area
- Distance Radii from Panel Area (1, 3, 5km)
- Zone of Theoretical Visibility (2.5m to tops of panels)**
- Panels may be visible

**FIGURE DATA:**  
 This figure has been based on the following data:  
 Layout file: EAR\_obsvsSolarPanelsT5\_MP\_171221.shp  
 Terrain data: EAR\_T5\_DTM\_MP\_300921.asc  
 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 DTM and has a 5m<sup>2</sup> resolution.



Rev	Date	By	Comment

1:45,000  
 Scale @ A3

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**Earraghail Renewable Energy Development**  
 Landscape and Visual  
 Figure 7.21: Proposed Solar - Bare Earth ZTV

<b>Drg No</b>	EAR-SH-I-121	
<b>Rev</b>		Datum: OSGB36
<b>Date</b>	09/02/22	Projection: TM
<b>Figure</b>	7.21	

This map has been produced to the latest known information at the time of issue. Please consult with the GIS team to ensure the content is still current before using the information contained on this map.