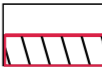














LEGEND

-  PROPOSED EXTENSION AREA
-  PLANNING BOUNDARY C16/1164/16/MW
-  VIEWPOINT LOCATIONS

SUBTENDED VERTICAL ANGLE (VISIBILITY)

-  Subtended Vertical Angle Over 12.8 Degrees
-  Subtended Vertical Angle 6.4 - 12.8 Degrees
-  Subtended Vertical Angle 3.2 - 6.4 Degrees
-  Subtended Vertical Angle 1.6 - 3.2 Degrees
-  Subtended Vertical Angle 0.8 - 1.6 Degrees
-  Subtended Vertical Angle 0.4 - 0.8 Degrees
-  Subtended Vertical Angle 0.2 - 0.4 Degrees
-  Subtended Vertical Angle 0.1 - 0.2 Degrees
-  Subtended Vertical Angle below - 0.1 Degrees
-  Areas without Views of Target Area

NOTES:
 The Zone of Theoretical Visibility shown is based on the visibility of the surface area of the two proposed tips alone, indicating their possible visibility within the surrounding landscape for an observer with an eye height of 1.8m.
 The study uses Ordnance Survey(OS) Terrain5 height data for the central area and the OS Panorama height data for more distant locations on the edge of the study area. This data contains no modelling of trees, minor landform details or built structures, features which may provide screening to the tips.
 In reality large areas of the zone illustrated would be screened by intervening buildings, minor landform features and vegetation, particularly in lowland area. The areas coloured grey are the areas where such screening is most likely to occur. In upland areas the theoretical visibility would more closely match actual real life visibility due to the lack of such features.



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**PENRHYN QUARRY
 NORTH-WEST EXTENSION ES
 LANDSCAPE AND VISUAL IMPACT
 ASSESSMENT
 ZONE OF THEORETICAL VISIBILITY
 (Proposed extension area)**

PQ - 6 / 5

Scale: 1:50,000 @ A3 Date: MARCH 2022