



ZONES OF THEORETICAL VISIBILITY:

6km 6km OFFSET FROM ZTV FEATURE

ZONE OF THEORETICAL VISIBILITY COMMON TO BOTH APPROVED SCHEME WINDING TOWERS & PROPOSED D-WALL RIGS

ZONE OF THEORETICAL VISIBILITY FOR APPROVED SCHEME WINDING TOWERS

- KEY**
- NORTH YORK MOORS NATIONAL PARK BOUNDARY
 - LANDSCAPE CHARACTER**
 - NATIONAL CHARACTER AREA BOUNDARY
 - NORTH YORK MOORS NATIONAL PARK LANDSCAPE TYPES & AREAS**
(From North York Moors Landscape Character Assessment, WYG, 2003)
 - 1a** MOORLAND
 - 1(a) Western Moors
 - 1(b) Central & Eastern Moors
 - 1(c) Northern Moors
 - 2a** NARROW MOORLAND DALE
 - 2(a) Ryedale
 - 2(b) Bilsdale
 - 2(c) Bransdale
 - 2(d) Farnedale
 - 2(e) Rosedale
 - 2(f) Hartoft
 - 2(g) Baysdale
 - 2(h) Westerdale
 - 2(i) Barby Dale
 - 2(j) Fryup Dale
 - 2(k) Glaisdale
 - 3a** FOREST
 - 3(a) Cropton
 - 3(b) Langdale/Harwood Dale/Newton House
 - 3(c) Dalby
 - 3(d) Wykeham
 - 4a** COAST AND COASTAL HINTERLAND
 - 4(a) Boulby - Whitby
 - 4(b) Whitby - Cloughton
 - 5a** LIMESTONE HILLS
 - 5(a) Southern Hambleton / Tabular Hills
 - 5(b) Tabular Hills - Pickering to Lockton
 - 5(c) Southern Dales and Southern Moor Foot
 - 6a** NARROW GLACIAL CHANNEL & GRIFFS
 - 6(a) Newtondale and Hole of Horcum
 - 6(b) Forge Valley
 - 7a** LIMESTONE DALE
 - 7(a) Hackness
 - 7(b) Upper Harwood Dale
 - 8a** CENTRAL VALLEY
 - 8(a) Comerdale - Upper Eskdale
 - 8(b) Lower Esk Valley
 - 9a** UPLAND FRINGE
 - 9(a) Cleveland foothills
 - 9(b) Western Fringe
 - REDCAR & CLEVELAND BOROUGH COUNCIL CHARACTER AREAS**
(From Redcar & Cleveland Landscape Character Assessment, 2008)
 - EH** ESTON HILLS LANDSCAPE TRACT
 - RF** REDCAR FLATS LANDSCAPE TRACT
 - GL** GUISBOROUGH LOWLAND LANDSCAPE TRACT
 - ECP** EAST CLEVELAND PLATEAU LANDSCAPE TRACT
 - LANDSCAPE DESIGNATIONS**
 - NORTH YORKSHIRE AND CLEVELAND HERITAGE COAST
 - 1** REGISTERED PARKS AND GARDENS
 - 1. Whitby Abbey House
 - 2. Mulgrave Castle
 - 3. Valley Gardens, Saltburn

Notes:

- ZTV analysis:
 - ZTV analysis points based on approved scheme Winding Towers at 45m above finished floor level of 200.7m AOD.
 - ZTV analysis points for proposed D-Wall Rigs based on tallest part of rig at 26.2m above varying finished floor levels (203.7m AOD, 203.2m AOD & 200.7m AOD depending on location of rig). The D-Wall Rigs ZTV includes 3m shaft top analysis points.
 - Existing woodlands are not included in the Digital Terrain Model.
 - Observers eye level 1.7m.
 - Extent of ZTV limited to 30km distance from analysis points.
 - Analysis adjusted for earth curvature / refraction.

Revision 00.

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SIRIUS
MINERALS PLC

Project:
WOODSMITH MINE SES LANDSCAPE & VISUAL ASSESSMENT

Drawing Title:
ZONES OF THEORETICAL VISIBILITY - CONSTRUCTION STAGE, APPROVED WINDING TOWERS & PROPOSED D-WALL RIGS (LANDSCAPE CHARACTER AREAS & LANDSCAPE DESIGNATIONS, EXCLUDING WOODLANDS)

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