



KEY

- EXTENT OF WORKS
- 1km OFFSETS FROM EXTENT OF WORKS BOUNDARY
- ZONE OF THEORETICAL VISIBILITY COMMON TO BOTH APPROVED SCHEME WINDING TOWERS & PROPOSED D-WALL RIGS
- ZONE OF THEORETICAL VISIBILITY FOR APPROVED SCHEME WINDING TOWERS
- NORTH YORK MOORS NATIONAL PARK BOUNDARY
- HERITAGE COAST

NORTH YORK MOORS NATIONAL PARK LANDSCAPE TYPES & AREAS
(From North York Moors Landscape Character Assessment, WYG, 2003)

- FOREST
Langdale / Harwood Dale / Newton House 3(b)
- MOORLAND
Central & Eastern Moors 1(b)
- CENTRAL VALLEY
Lower Esk Valley 8(b)
- COAST AND COASTAL HINTERLAND
Boulby - Whitby 4(a)
Whitby - Cloughton 4(b)

SCARBOROUGH BOROUGH COUNCIL LANDSCAPE CHARACTER TYPES / AREAS
(From Scarborough Borough Landscape Study: Volume 1 - Borough wide Landscape Character Assessment, 2013)

- LANDSCAPE CHARACTER TYPE / AREA BOUNDARY

COASTAL CLIFFS:
G1 - Whitby to Sandsend
G2 - Whitby Abbey

COASTAL HINTERLAND:
D1 - Sandsend
D2 - Whitby Abbey

RIVER VALLEY:
F1 - Esk

UPPER VALLEY SIDE:
H1 - Esk

SETTLEMENT FRINGE:
I1 - Whitby

Note:
Study area lies within the National Character Area 25: North York Moors & Cleveland Hills

- Notes:**
- ZTV analysis:
 - ZTV analysis points based on approved scheme Winding Towers at 45m above finished floor level of 200.7mAOD.
 - ZTV analysis points for proposed D-Wall Rigs based on tallest part of rig at 26.2m above varying finished floor levels (203.7mAOD, 203.2mAOD & 200.7mAOD 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 7km distance from analysis points
 - Analysis adjusted for earth curvature / refraction

Revision 01, 2017/07/04.
Amended to latest construction stage details

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Project:
**WOODSMITH MINE
SES LANDSCAPE & VISUAL ASSESSMENT**

Drawing Title:
ZONE OF THEORETICAL VISIBILITY - CONSTRUCTION STAGE, APPROVED WINDING TOWERS & PROPOSED D-WALL RIGS (LANDSCAPE CHARACTER & LANDSCAPE DESIGNATIONS, WITHOUT WOODLANDS)

Drawing Number: 2354.MH ZTV LCA01	Revision: 01
Scale: 1:25,000 @ A1	Date: JUNE 2017
Drawn: MW	Checked: SW

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