



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 AREA BOUNDARY
	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	GLAISBOROUGH 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
SURPLUS

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)**

Drawing Number: 2354.CU01
Revision: 00

Scale: 1:50,000 @ A0
Date: JUNE 2017

Drawn: BB
Checked: SW

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