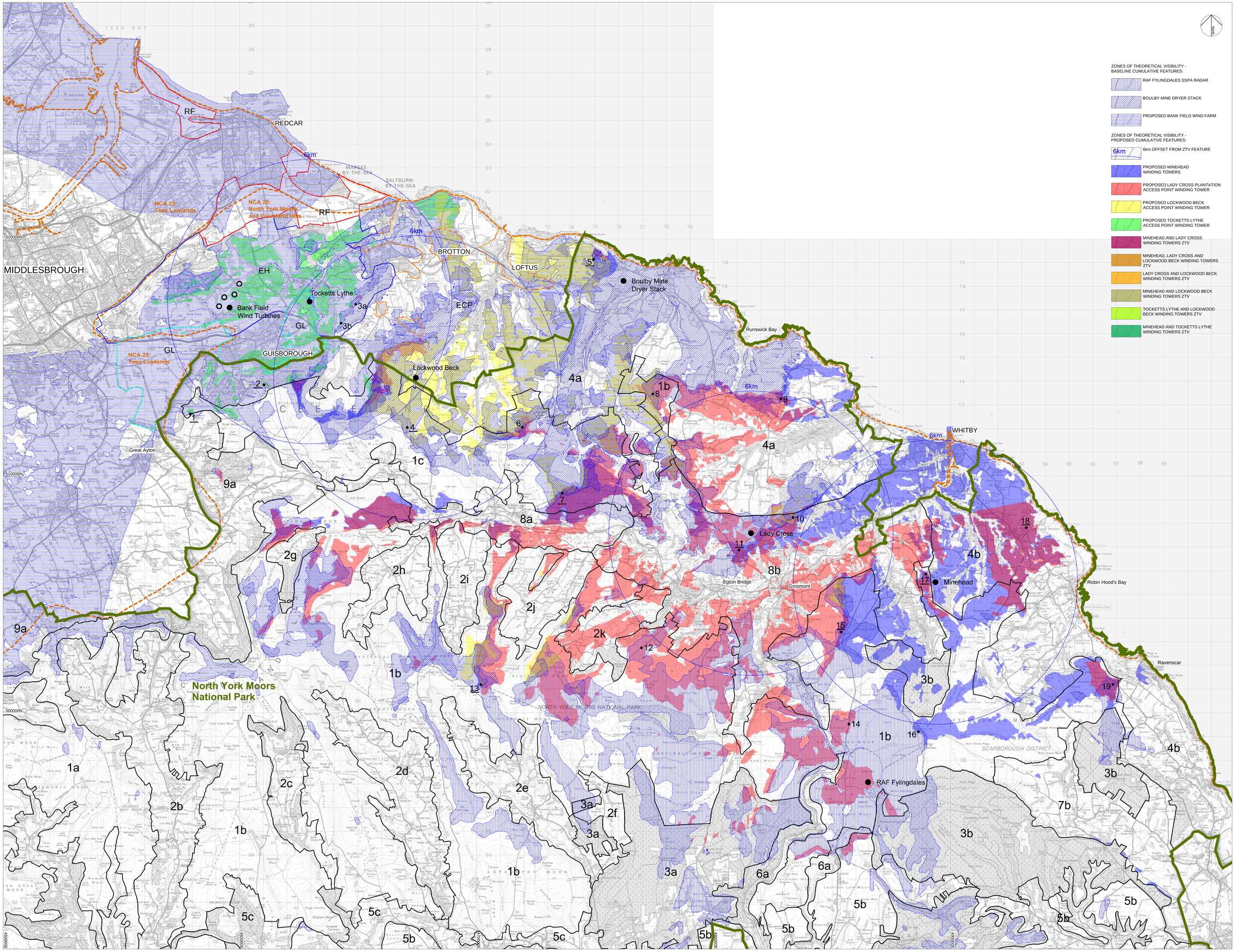

KEY

NORTH YORK MOORS NATIONAL PARK 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) Farndale
  - 2(e) Rosedale
  - 2(f) Hartoft
  - 2(g) Baysdale
  - 2(h) Westerdale
  - 2(i) Danby 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) Commondale - 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, 2006)

- **EH** ESTON HILLS LANDSCAPE TRACT
- **RF** REDCAR FLATS LANDSCAPE TRACT
- **GL** GUISBOROUGH LOWLAND LANDSCAPE TRACT
- **ECP** EAST CLEVELAND PLATEAU LANDSCAPE TRACT

30 **31** VIEWPOINTS USED FOR ASSESSMENT OF CUMULATIVE LANDSCAPE EFFECTS (UNDERLINE DENOTES PHOTOMONTAGE VIEW LOCATION)

1. Roseberry Topping
2. Highcliffe Nab
3a. Airy Hill
3b. Airy Hill
4. Moorsholm Moor
5. Rockhole Hill
6. Liverton Moor
7. Danby Beacon
8. Newton Mulgrave Moor
9. Potato Hill
10. Egton Low Moor
11. Egton
12. Egton High Moor
13. Danby High Moor
14. A169 at Goathland Moor
15. Breckon Howe / Sleights Moor
16. Fylingdales Moor
17. Ugglebarnby Moor
18. Hawsker Bottoms
19. Howdale Moor

ZONES OF THEORETICAL VISIBILITY - BASELINE CUMULATIVE FEATURES:

- RAF FYLINGDALES SSPA RADAR
- BOULBY MINE DRYER STACK
- PROPOSED BANK FIELD WIND FARM

ZONES OF THEORETICAL VISIBILITY - PROPOSED CUMULATIVE FEATURES:

- 6km OFFSET FROM ZTV FEATURE
- PROPOSED MINEHEAD WINDING TOWERS
- PROPOSED LADY CROSS PLANTATION ACCESS POINT WINDING TOWER
- PROPOSED LOCKWOOD BECK ACCESS POINT WINDING TOWER
- PROPOSED TOCKETTS LYTHE ACCESS POINT WINDING TOWER
- MINEHEAD AND LADY CROSS WINDING TOWERS ZTV
- MINEHEAD, LADY CROSS AND LOCKWOOD BECK WINDING TOWERS ZTV
- LADY CROSS AND LOCKWOOD BECK WINDING TOWERS ZTV
- MINEHEAD AND LOCKWOOD BECK WINDING TOWERS ZTV
- TOCKETTS LYTHE AND LOCKWOOD BECK WINDING TOWERS ZTV
- MINEHEAD AND TOCKETTS LYTHE WINDING TOWERS ZTV

Notes:

ZTV analysis (baseline cumulative features):

- ZTV analysis point for Bank Field wind turbine based on 132m high structure (to tip of turbine) on FFL of 164mAOD. Analysis point based on the highest elevated wind turbine of the group.
- ZTV analysis point for Boulby Mine dryer stack based on 87.5m high structure on FFL of 80mAOD
- ZTV analysis point for RAF Fylingdales SSPA Radar housing based on 40m high structure on FFL of 258mAOD
- Existing woodland excluded in the Digital Terrain Model
- Observers eye level 1.7m.
- Extent of ZTV's limited to 30km distance from analysis points
- Analysis adjusted for earth curvature / refraction

ZTV analysis (proposed cumulative features):

- ZTV analysis points based on proposed Minehead Winding Towers at 45m above finished floor level of 200.7mAOD.
- ZTV analysis point based on proposed Lady Cross Plantation Access Point Winding Tower at 45m above finished floor level of 202.4mAOD.
- ZTV analysis point based on proposed Lockwood Beck Access Point Winding Tower at 45m above finished floor level of 187.8mAOD.
- ZTV analysis point based on proposed Tocketts Lythe Access Point Winding Tower at 45m above finished floor level of 83.9mAOD.
- Existing woodlands included in Digital Terrain Model - woodland heights within Minehead site based on survey data, woodland heights within wider study area assumed to be 10m above ground level.
- Observers eye level 1.7m.
- Extent of ZTV's limited to 30km distance from analysis points
- Analysis adjusted for earth curvature / refraction

Revision 01 - ZTV colours and Bank Field ZTV amended

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YORKPOTASH
A Sirius Minerals Project

Project:

YORK POTASH PROJECT CUMULATIVE LANDSCAPE & VISUAL ASSESSMENT

Drawing Title:

ZONES OF THEORETICAL VISIBILITY - (LANDSCAPE CHARACTER, INCLUDING WOODLANDS)

Drawing Number:	Revision:
2327.CU04	**01**
Scale: **1:50,000 @ A0**	Date: **AUGUST 2014**
Drawn: MW	Checked: SW

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