

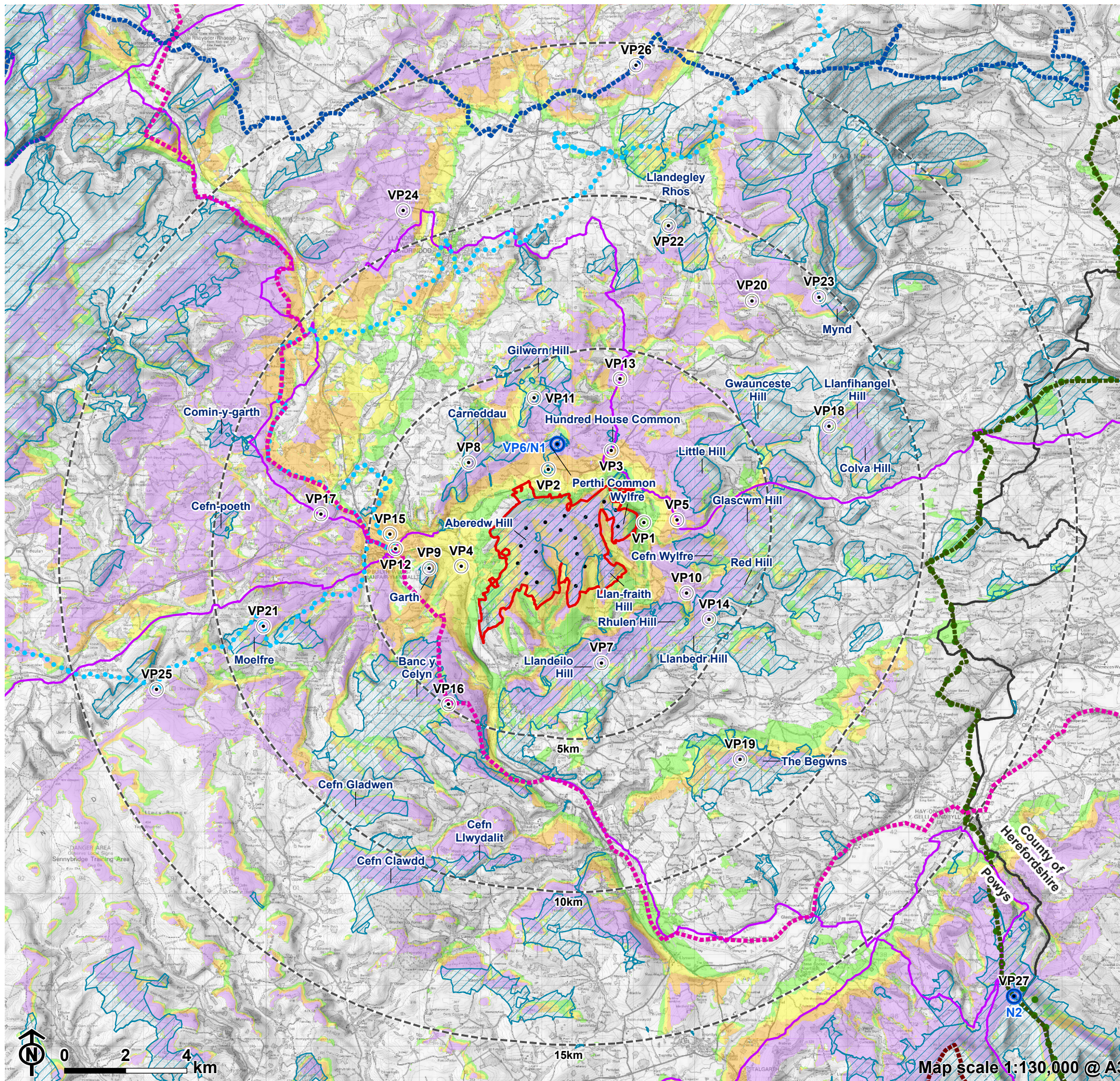


Figure 5.16b: Blade Tip Height (200m) Zone of Theoretical Visibility (15km) - Open Access Land, PRowS, Promoted Walking Routes and Cycle Routes

- Application boundary
- Turbine
- Turbine buffers - 5km interval
- Local authority boundary
- Open Access Land
- National Cycle Network (NCN)
- National Trail
- Long Distance Walks**
 - Cambrian Way
 - Elan Valley Way
 - Heart of Wales Line Trail
 - Offa's Dyke Path National Trail
 - Wye Valley Walk
- Background ZTV to Tip Height (200m)**
 - 1-5 Turbines visible
 - 6-10 Turbines visible
 - 11-15 Turbines visible
 - 17 - 18 Turbines visible
- Day-time Viewpoint
- Night-time Viewpoint

Notes

*For viewpoint names please see Figure 5.4a/b

Open Access Land is a combination of Registered Common Land, Other Statutory Access Land, Other Dedicated Land and Open Country.

The ZTV is calculated to turbine tip height (200m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from 1m LiDAR height data (obtained from the Welsh Government and Environment Agency in September 2024). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.

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