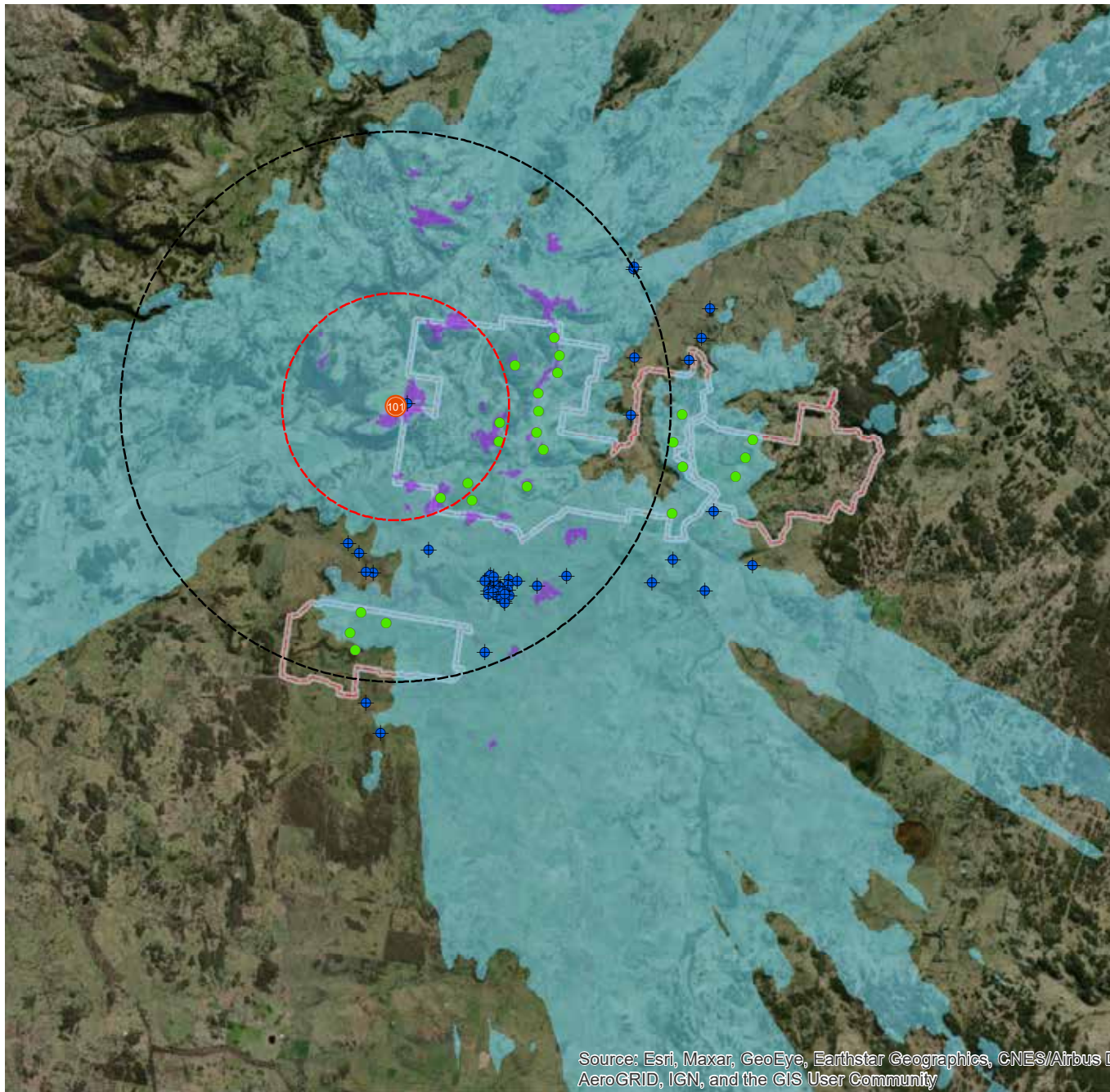


Appendix A

ZTVs for receptors
within 3.3km



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DLR GeoEye, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 101

Ground level viewshed represents the current land theoretically visible.

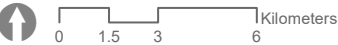
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

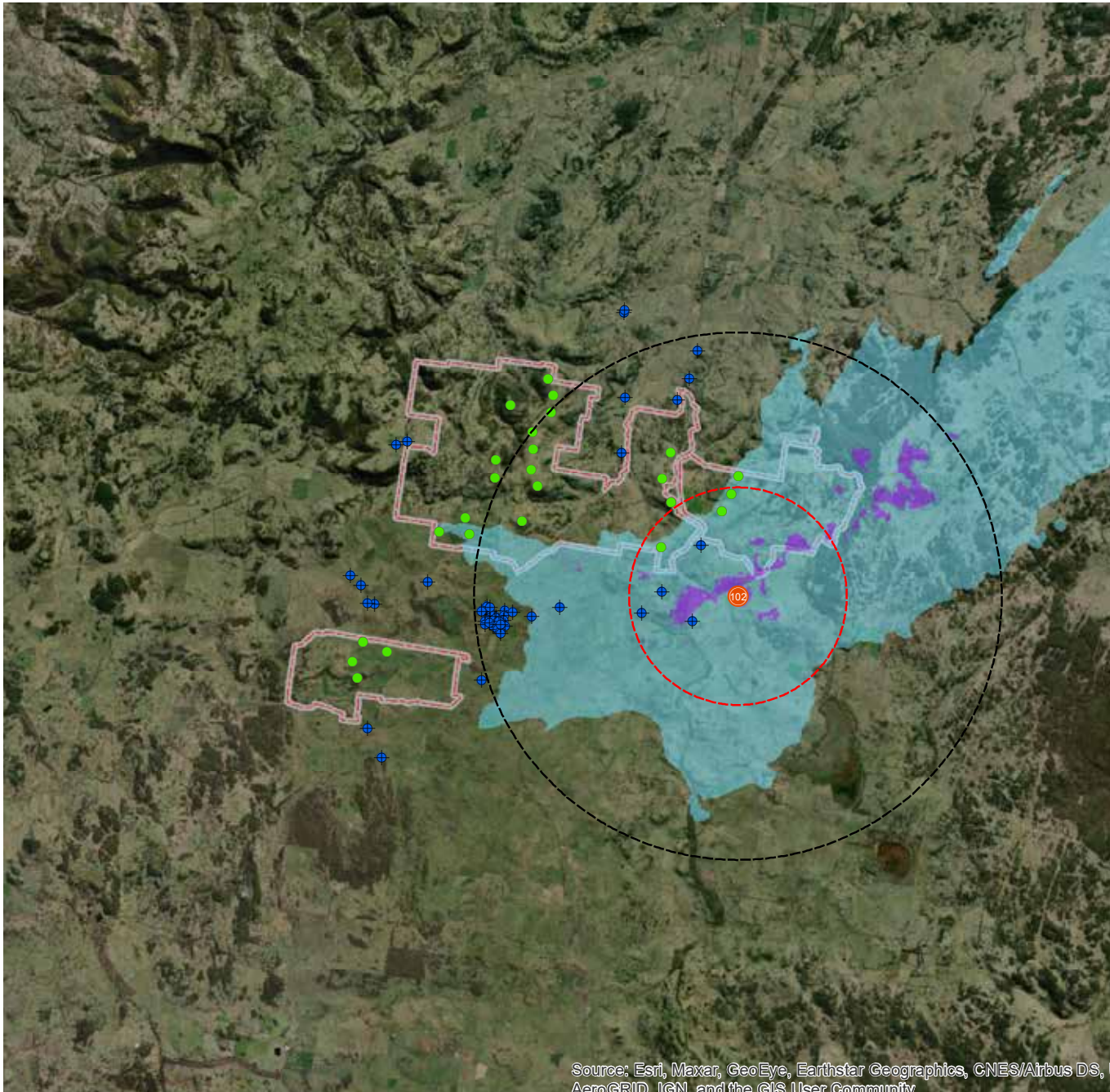


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 102



Ground level viewshed represents the current land theoretically visible.

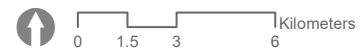
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

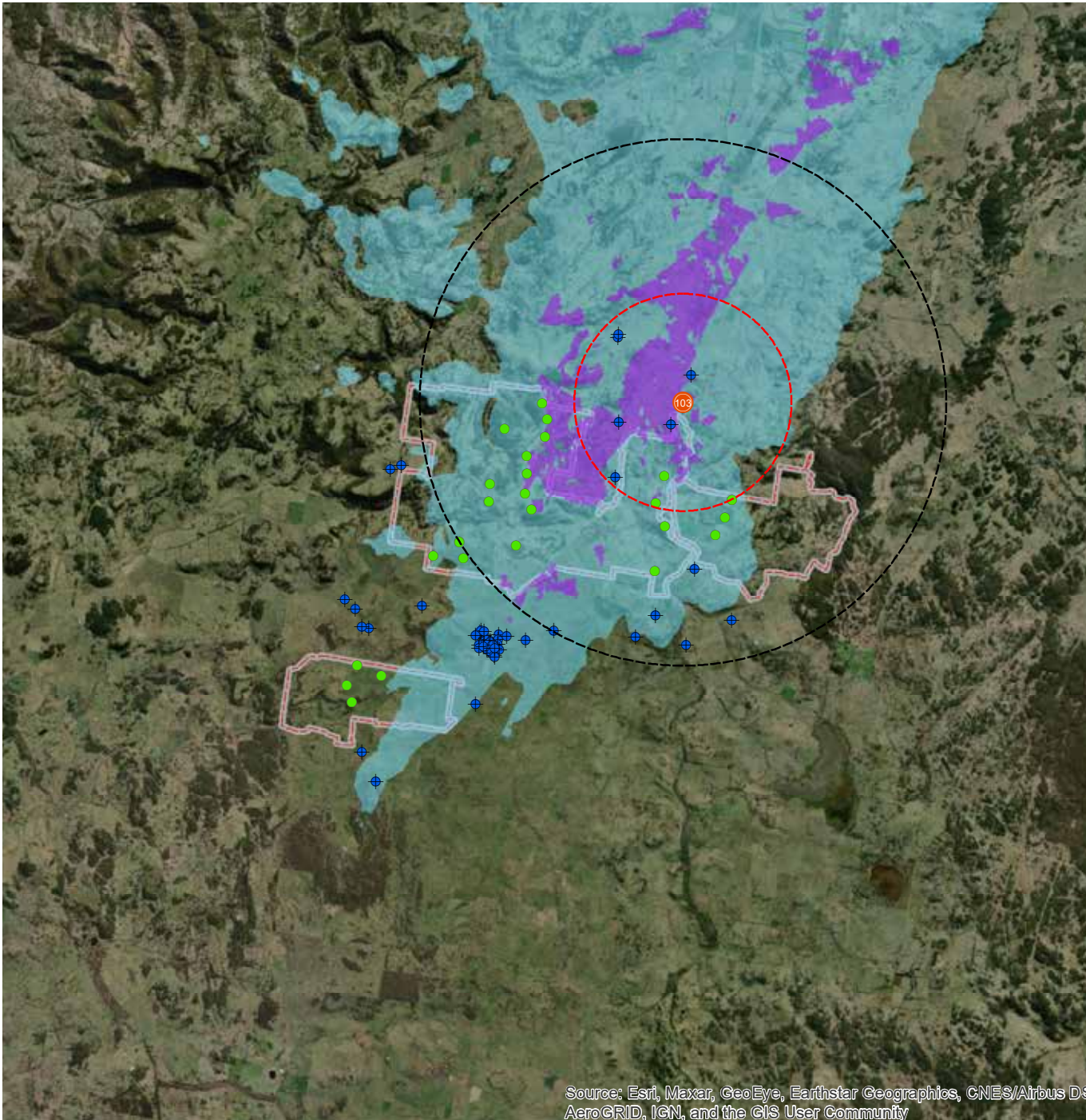
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Viewpoint location: Property 103

Ground level viewshed represents the current land theoretically visible.

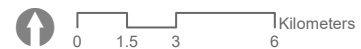
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

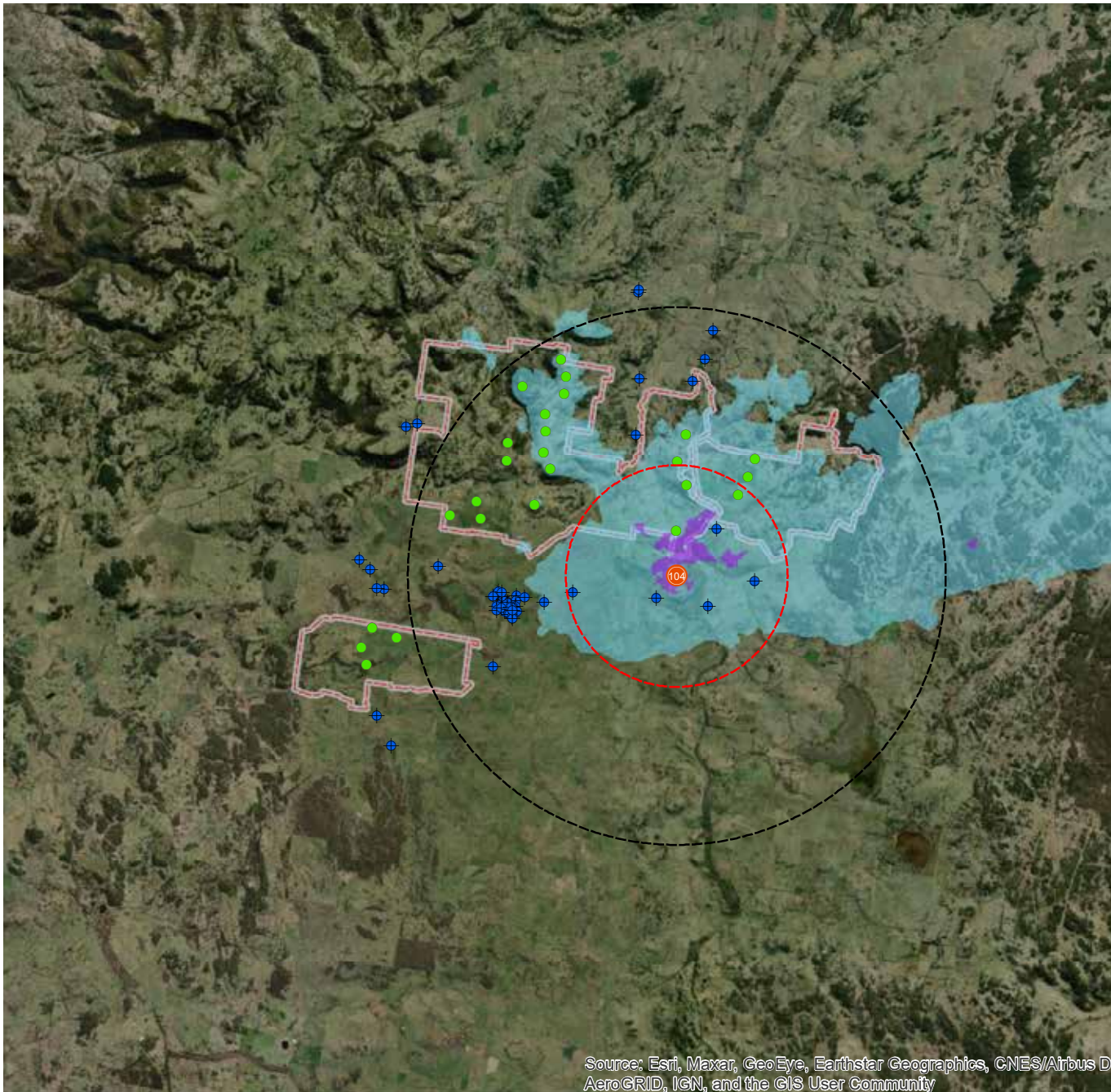


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 104

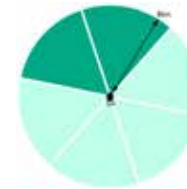


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

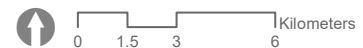
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

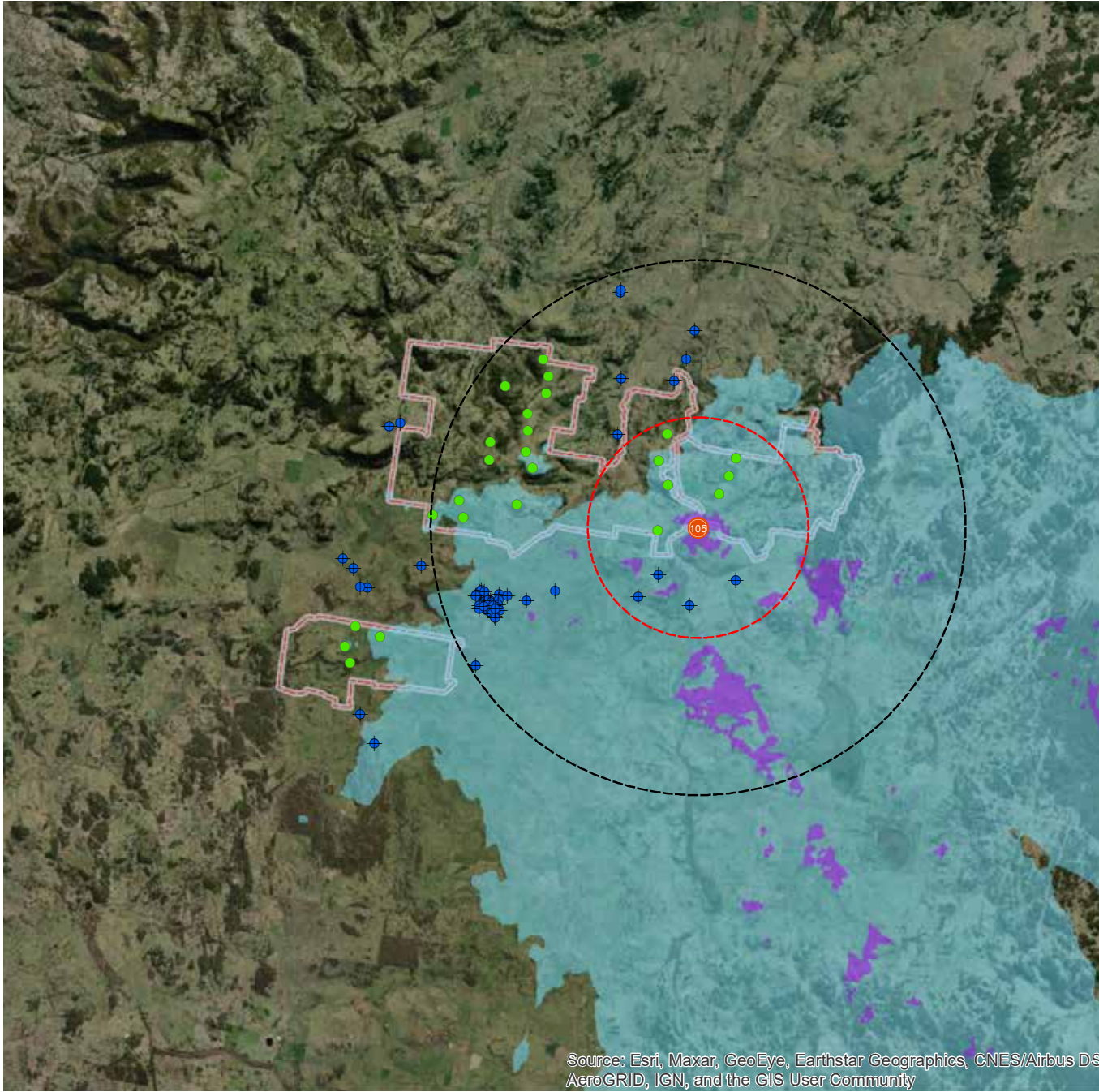


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 105

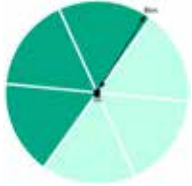


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

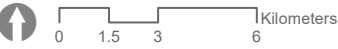
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

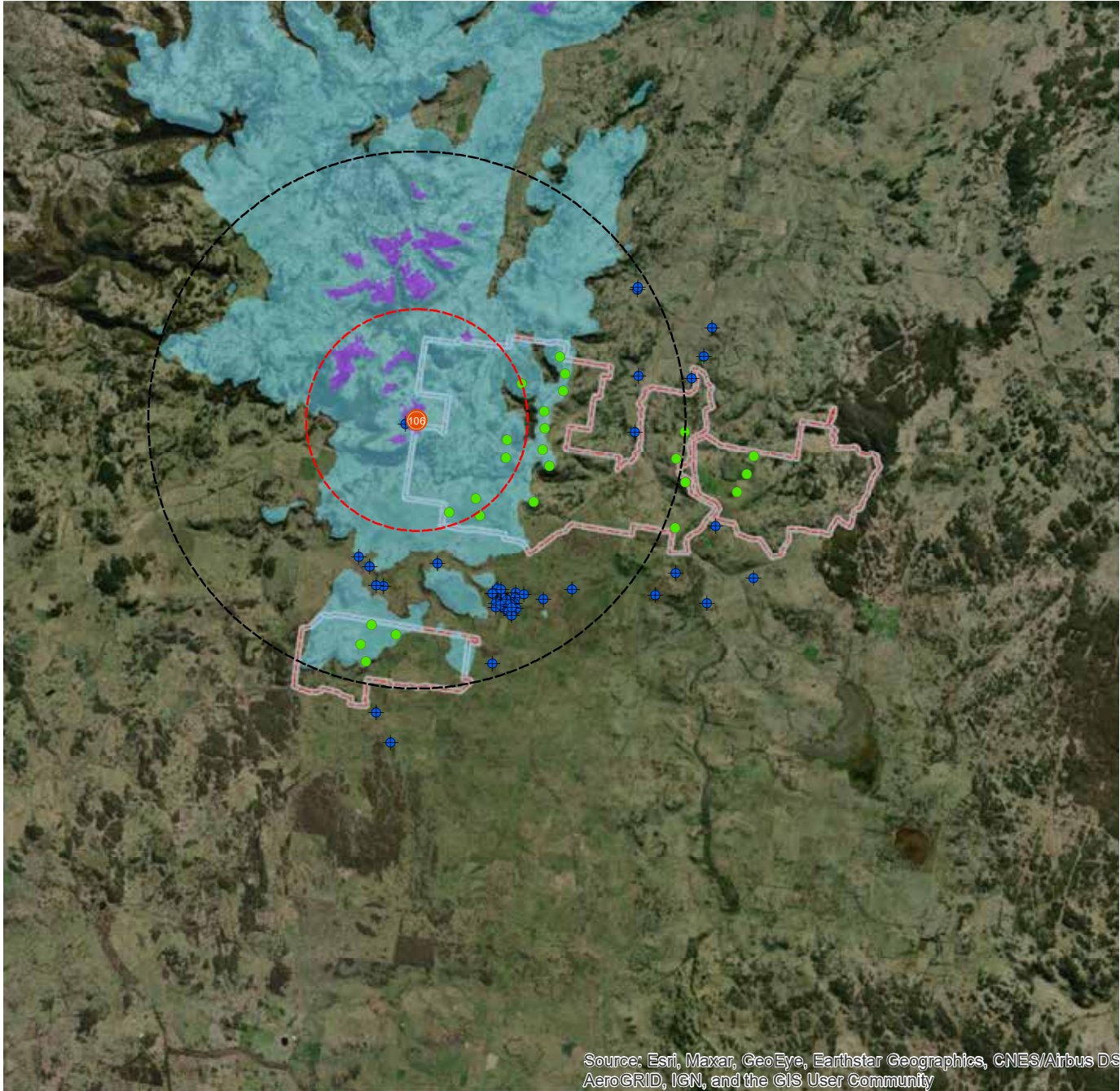


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 106

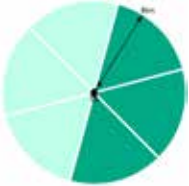


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

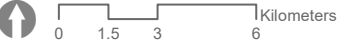
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

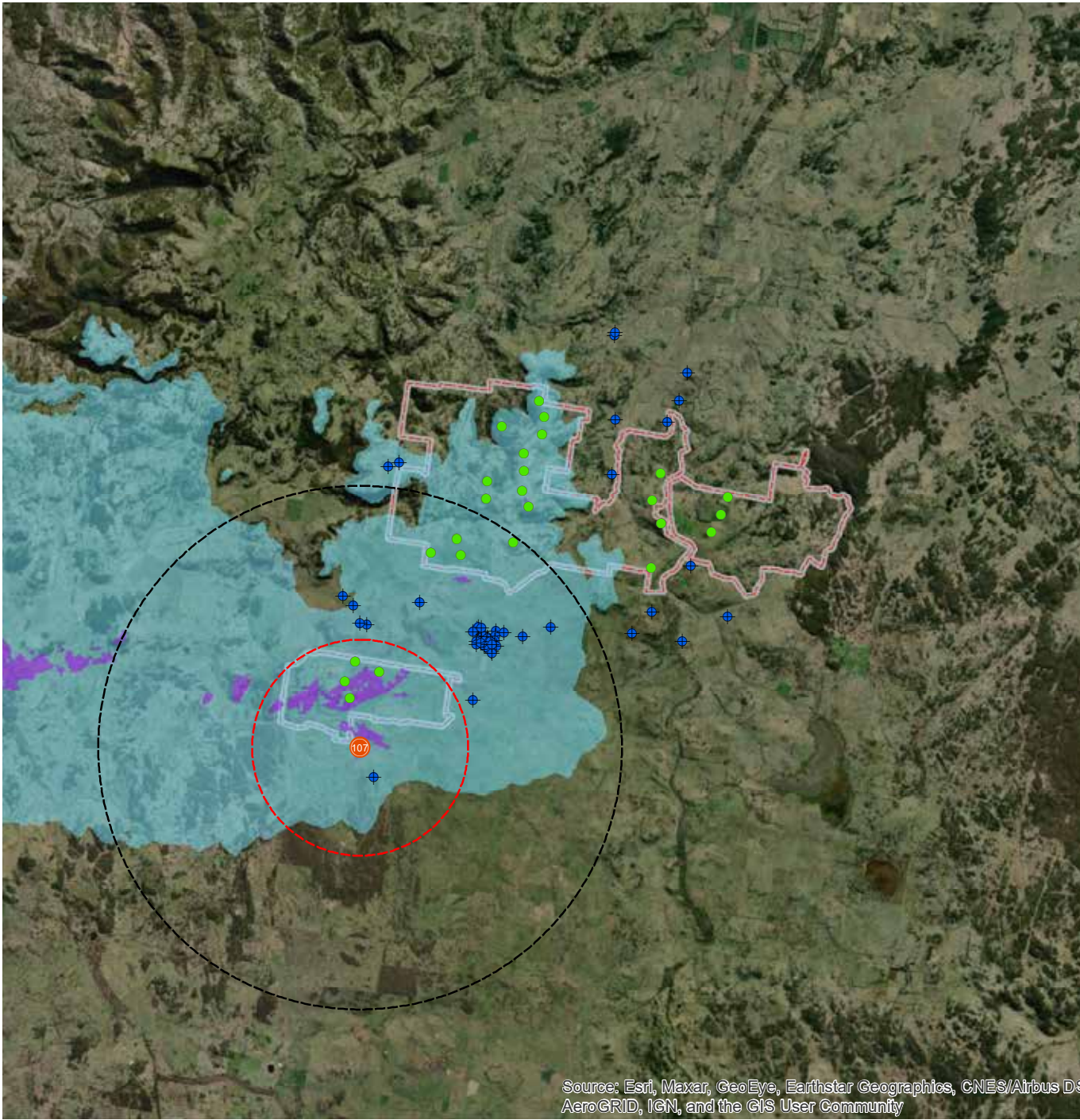
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- + Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 107

Ground level viewshed represents the current land theoretically visible.

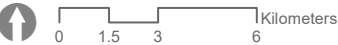
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

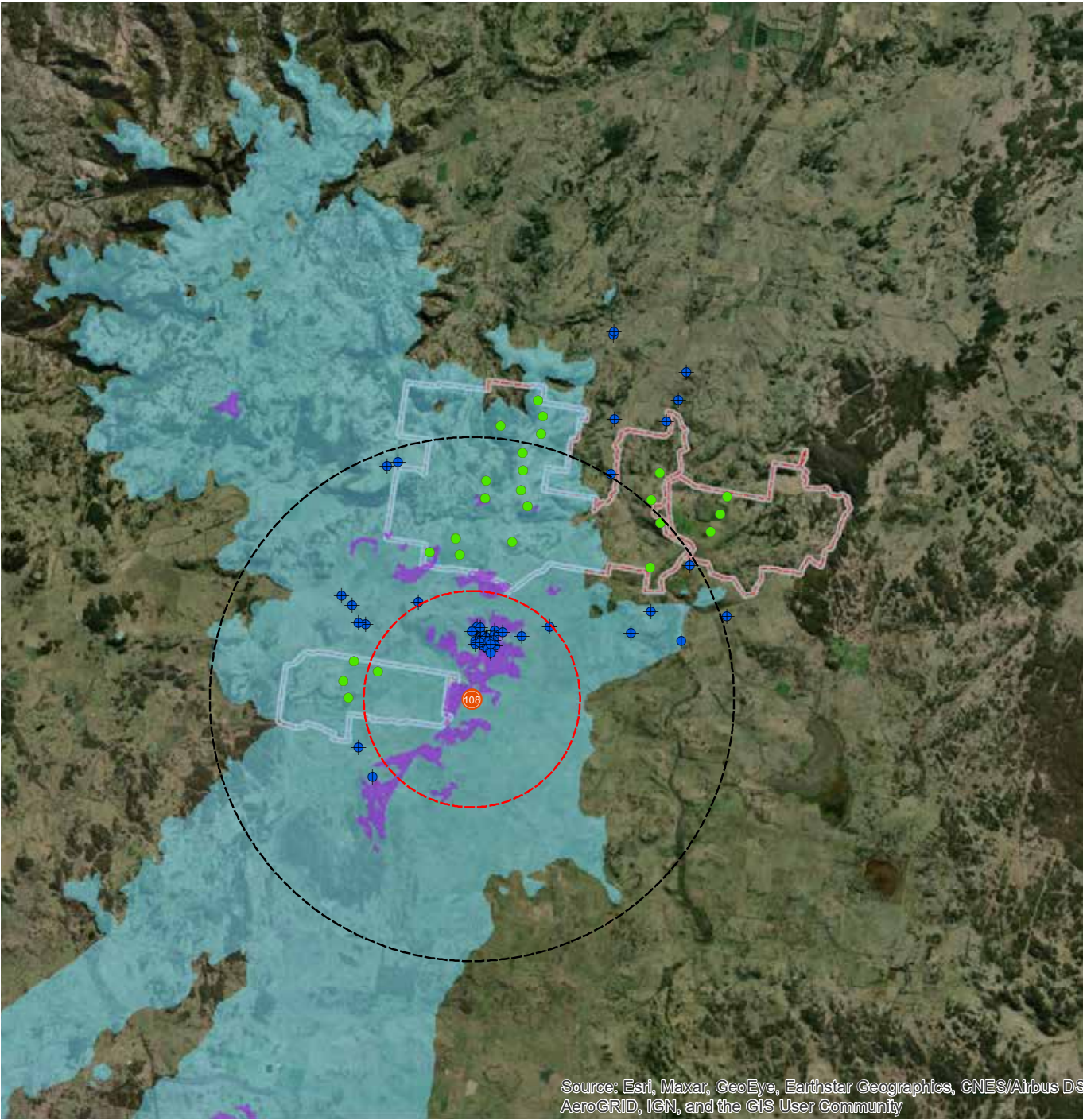


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 108



Ground level viewshed represents the current land theoretically visible.

Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

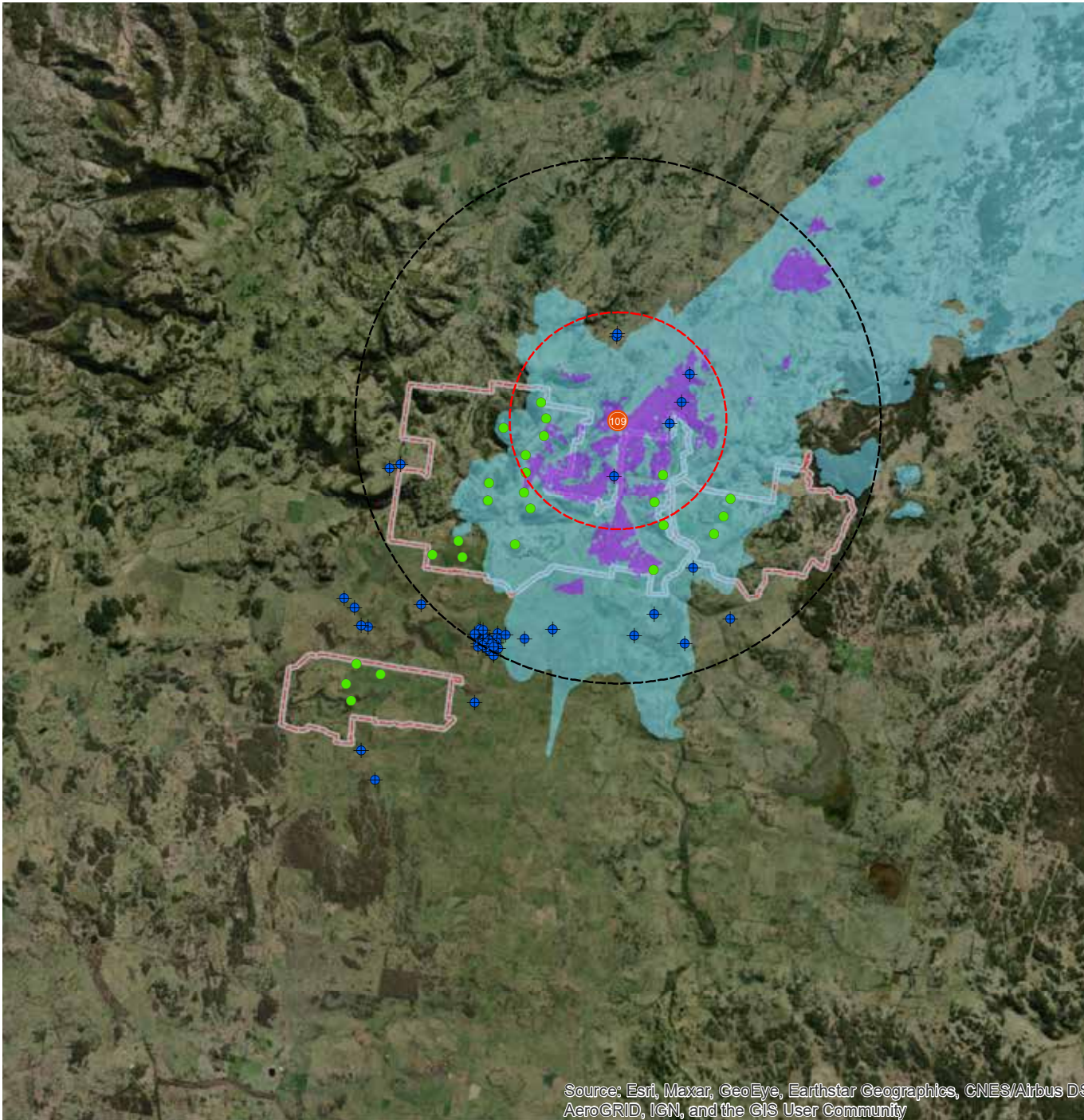
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary

0 1.5 3 6 Kilometers



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 109

Ground level viewshed represents the current land theoretically visible.

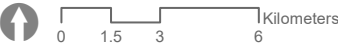
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

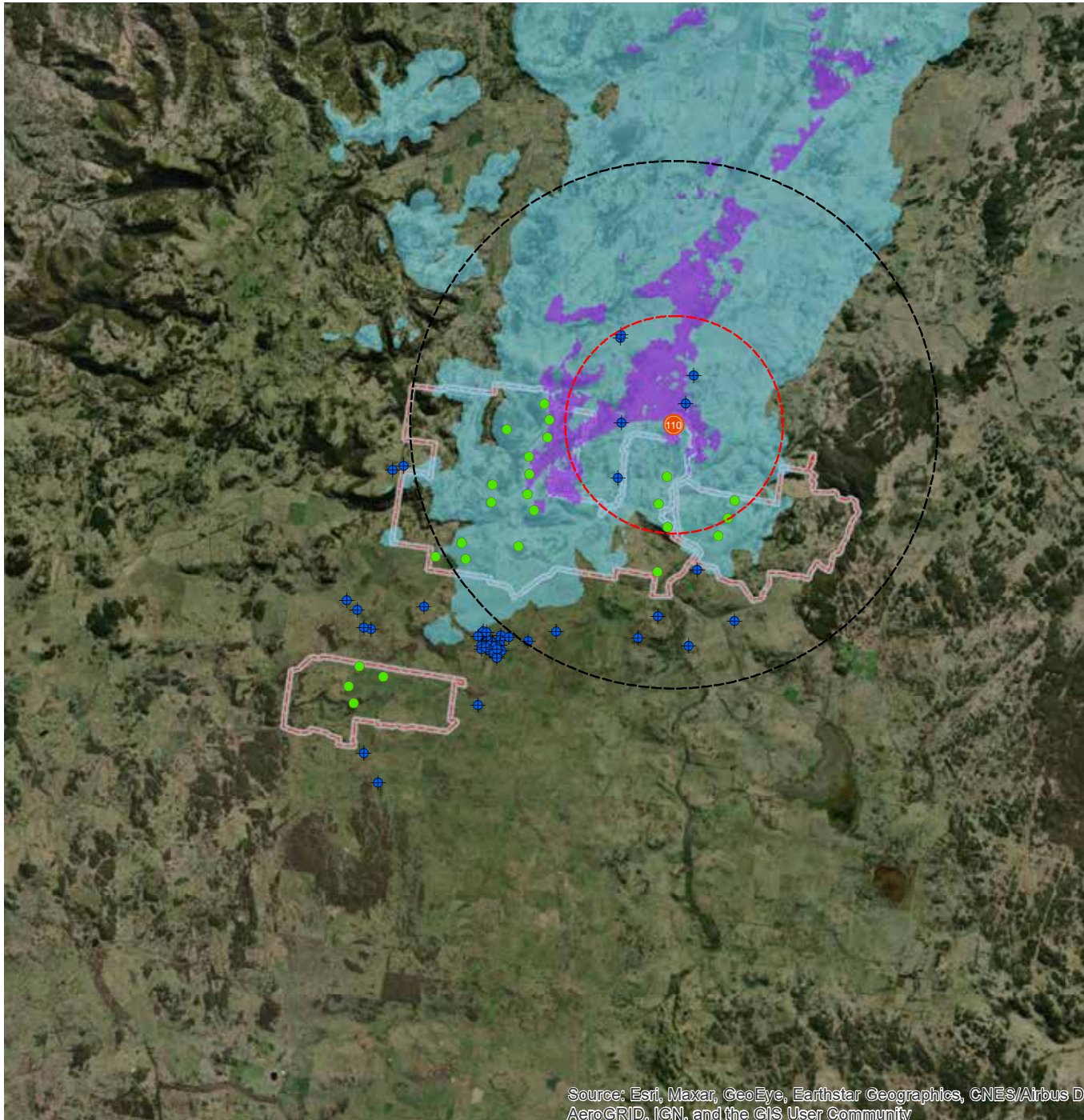
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





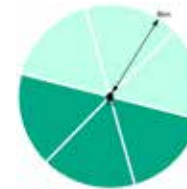
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 110

Ground level viewshed represents the current land theoretically visible.

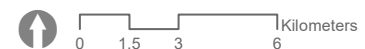
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

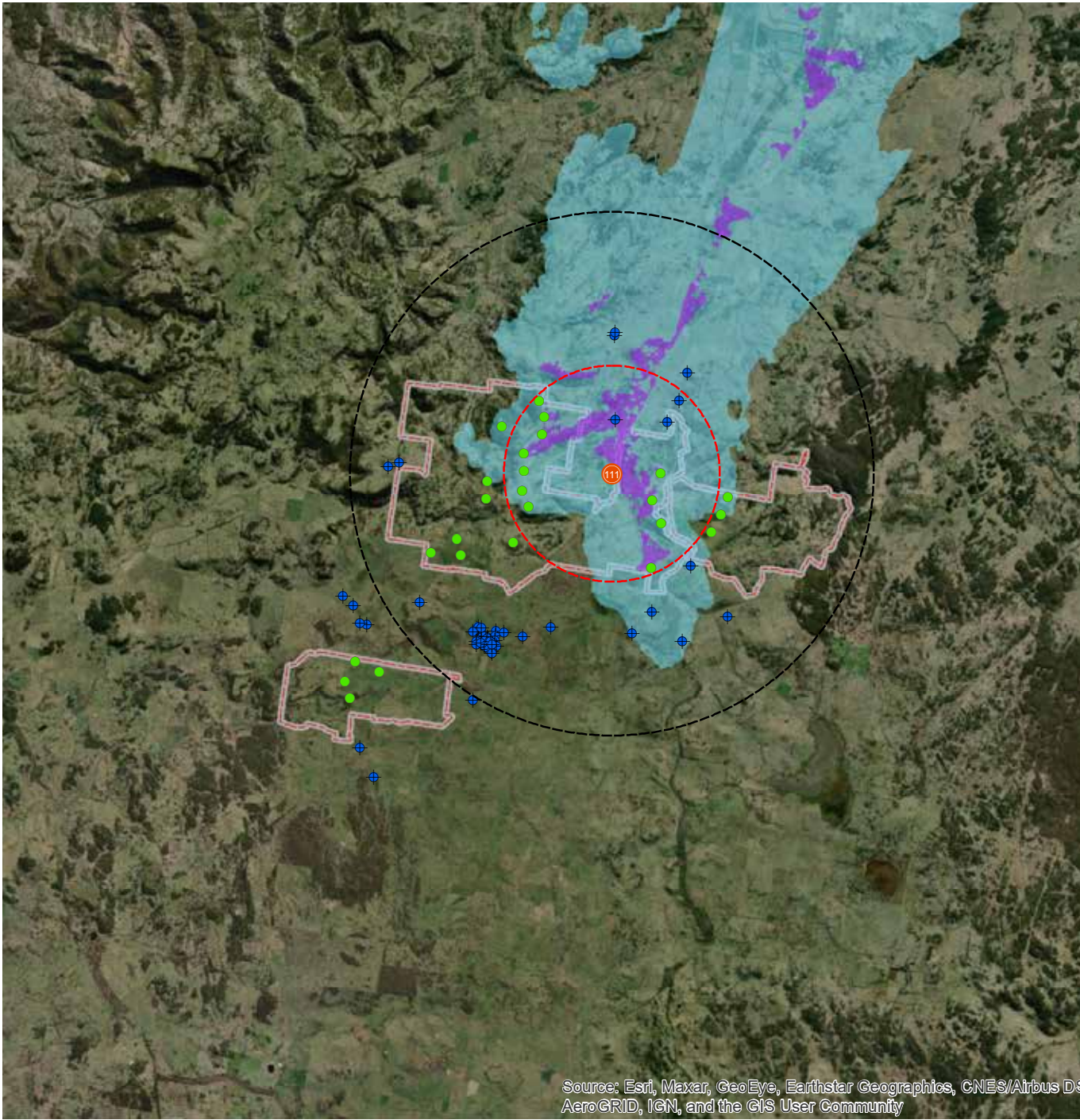
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 111

Ground level viewshed represents the current land theoretically visible.

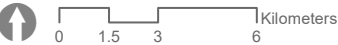
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

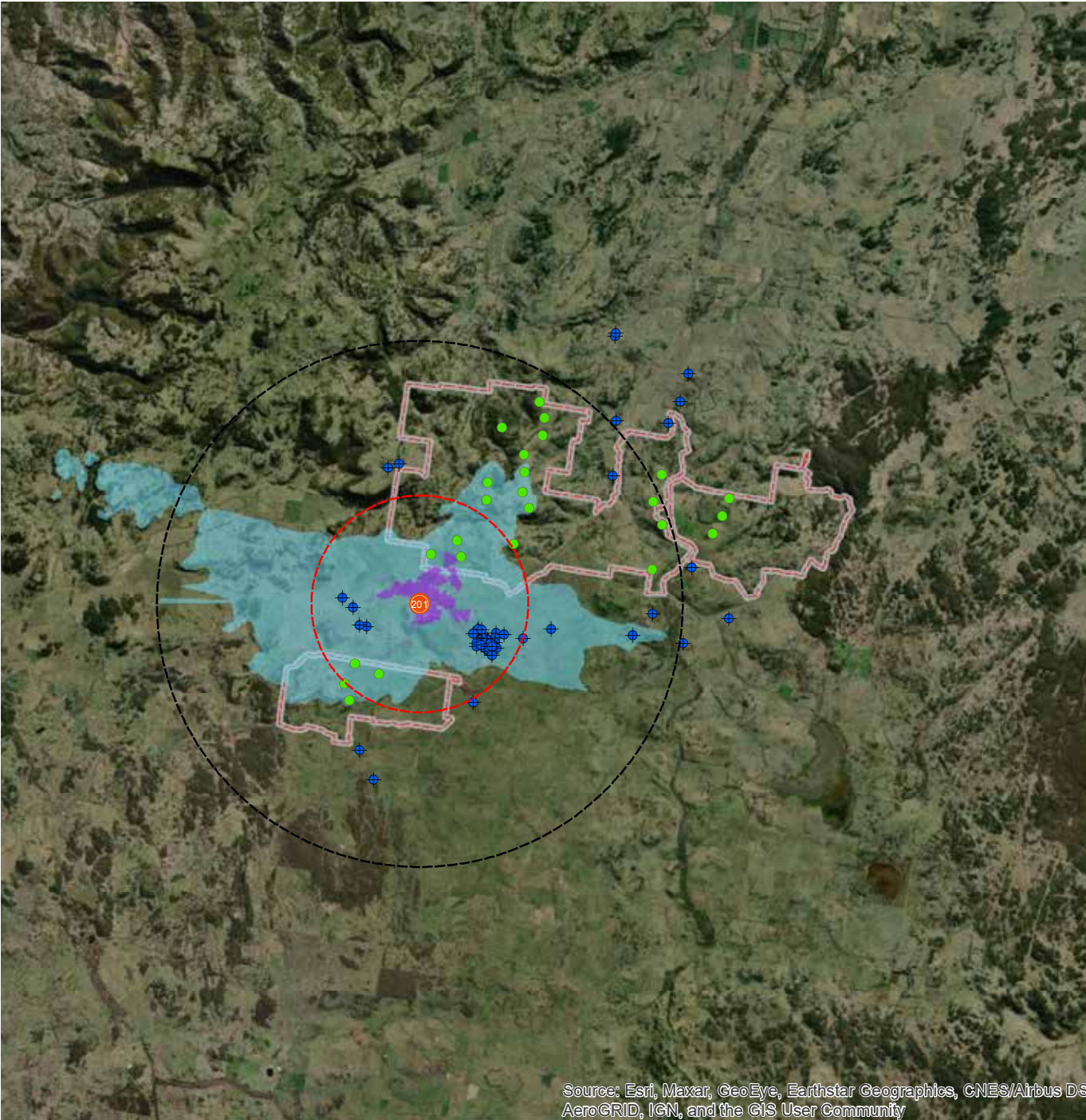


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



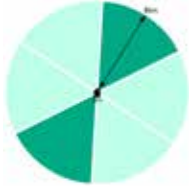
Viewpoint location: Property 201



Ground level viewshed represents the current land theoretically visible.

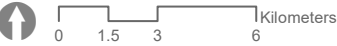
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

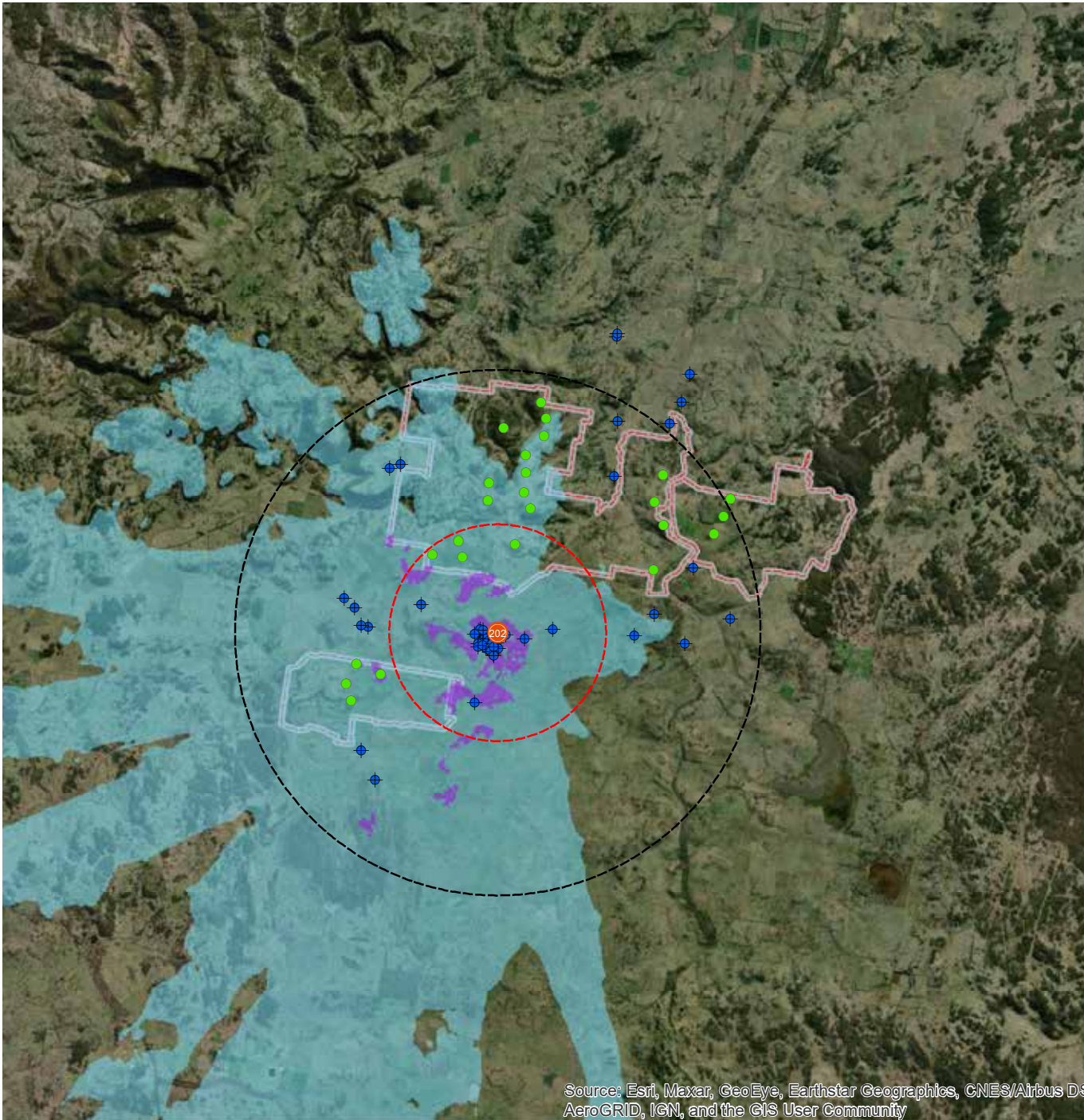
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



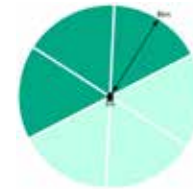


Viewpoint location: Property 202

Ground level viewshed represents the current land theoretically visible.

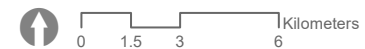
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

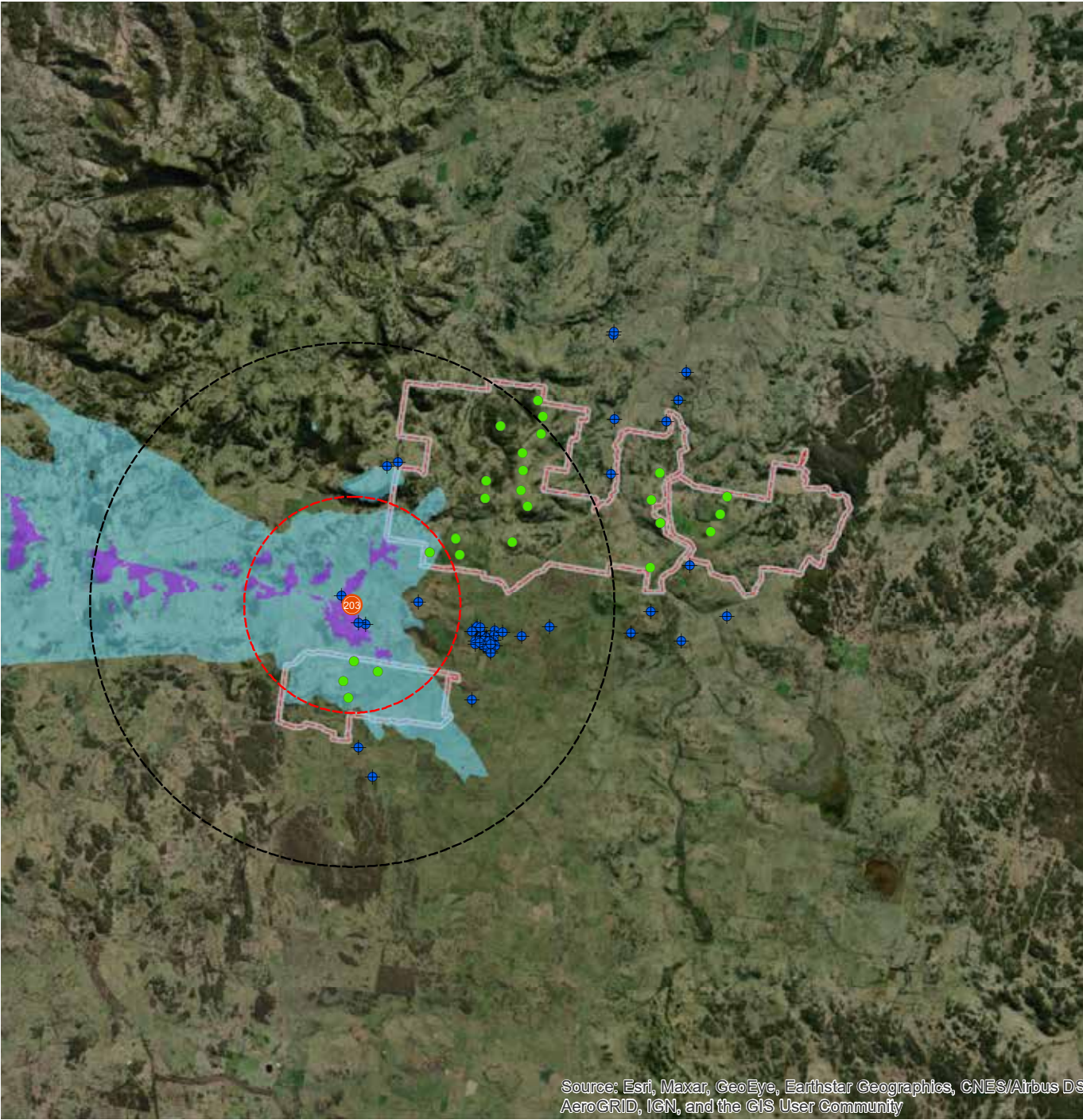


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 203



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

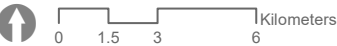
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

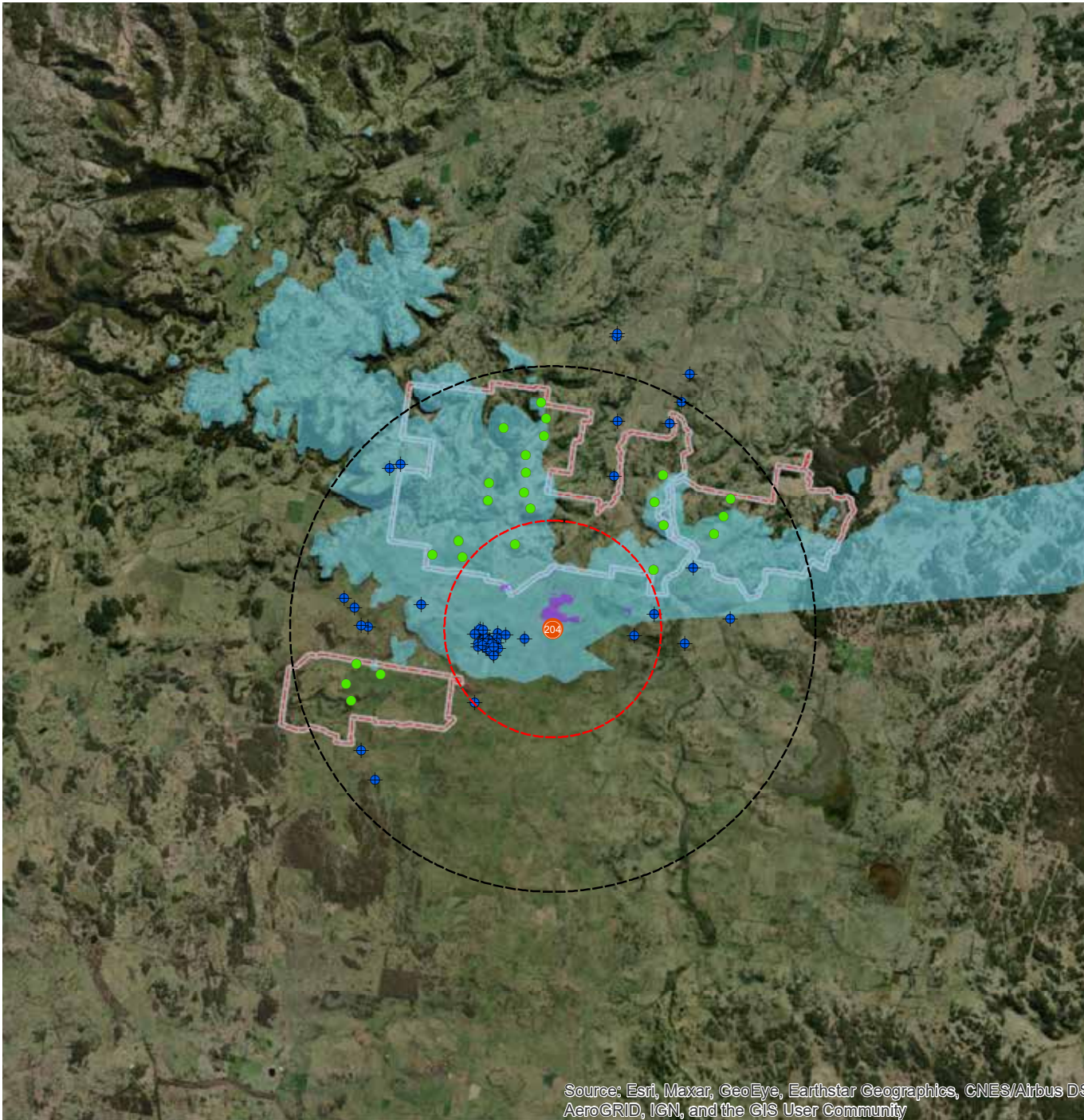
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 204

Ground level viewshed represents the current land theoretically visible.

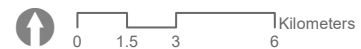
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

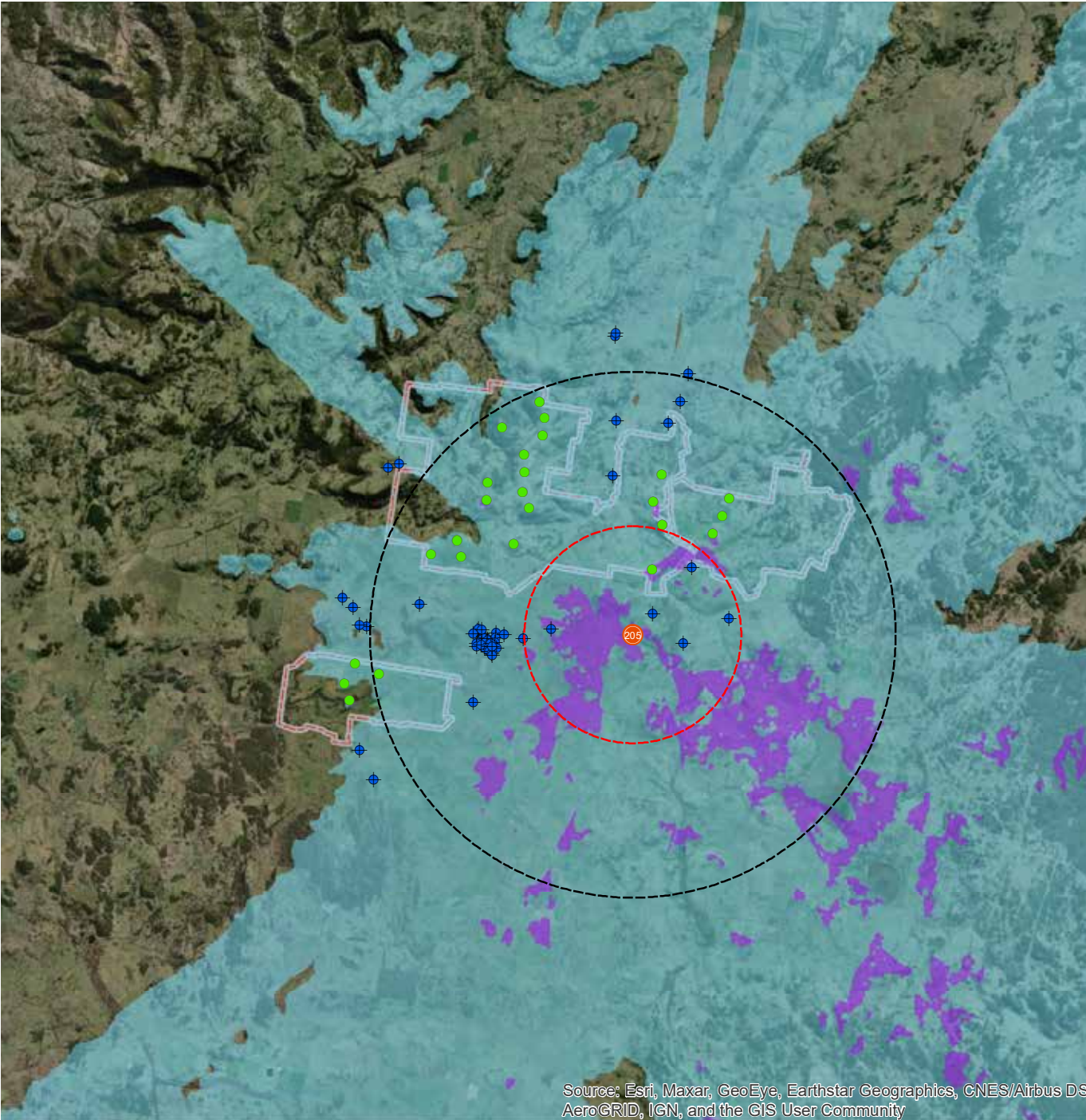


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property: 205



Ground level viewshed represents the current land theoretically visible.

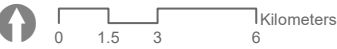
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

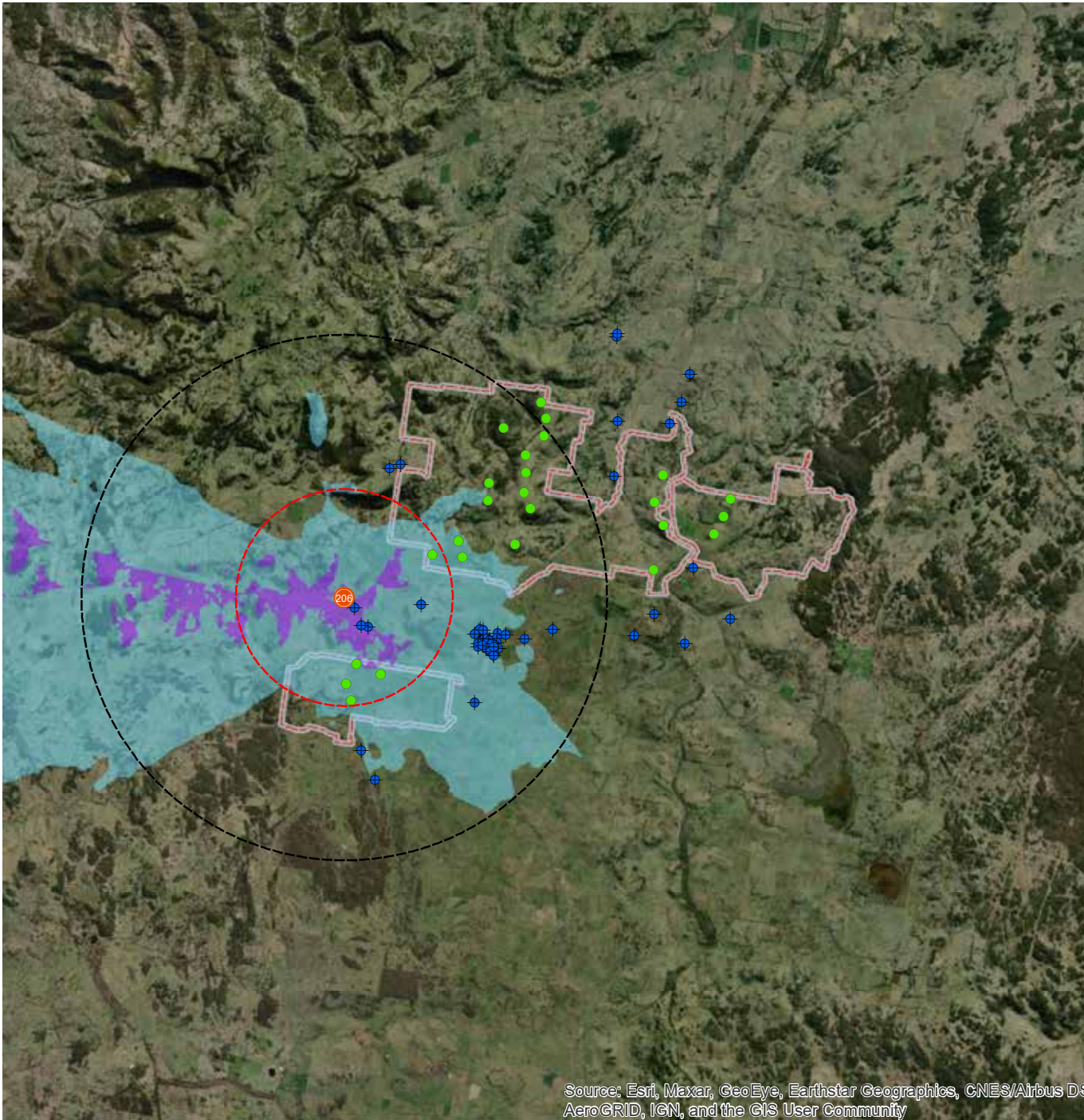
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Viewpoint location: Property 206

Ground level viewshed represents the current land theoretically visible.

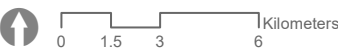
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

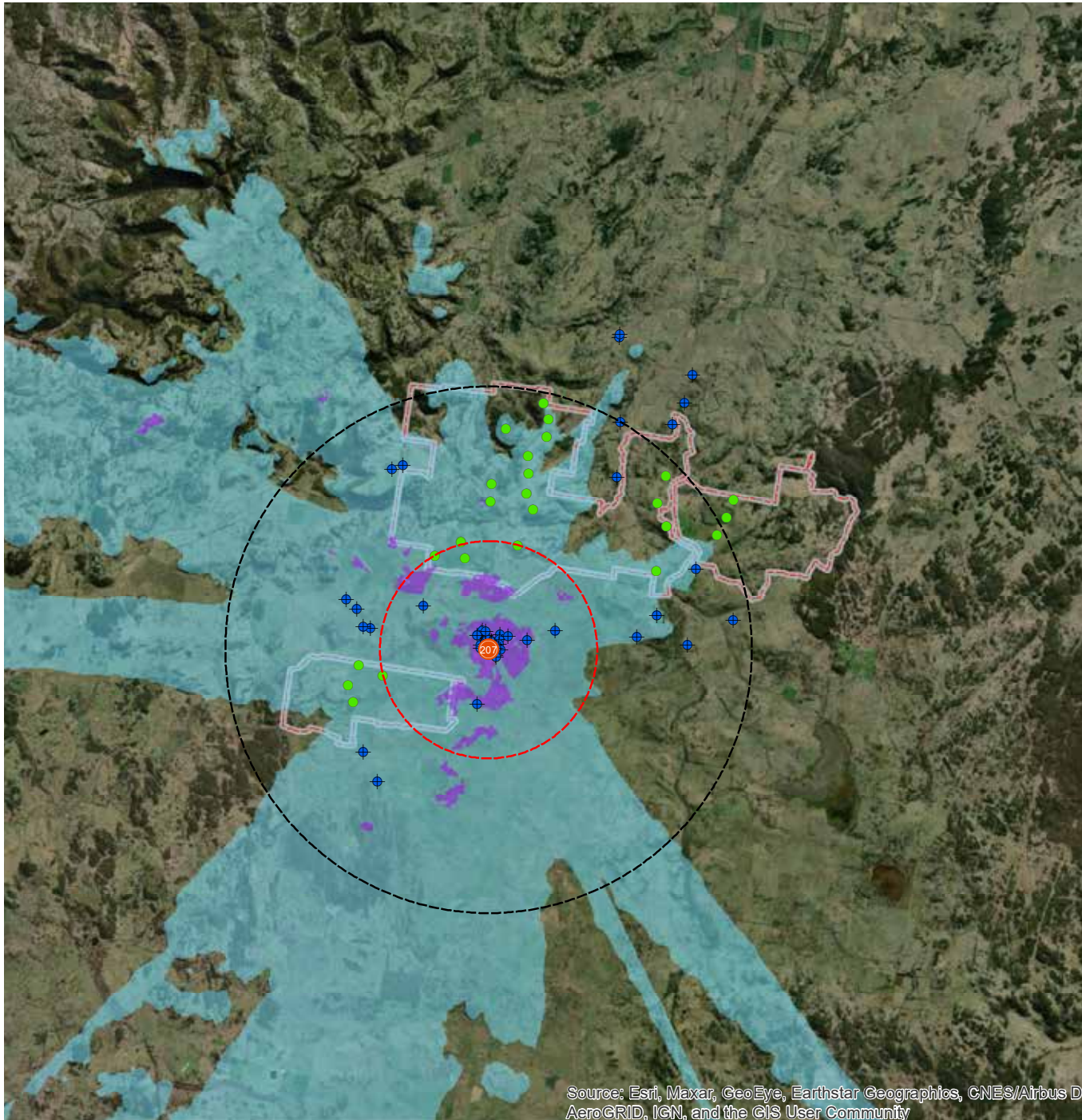
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





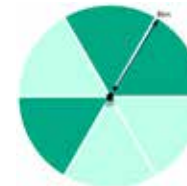
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 207

Ground level viewshed represents the current land theoretically visible.

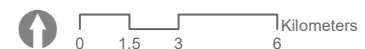
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

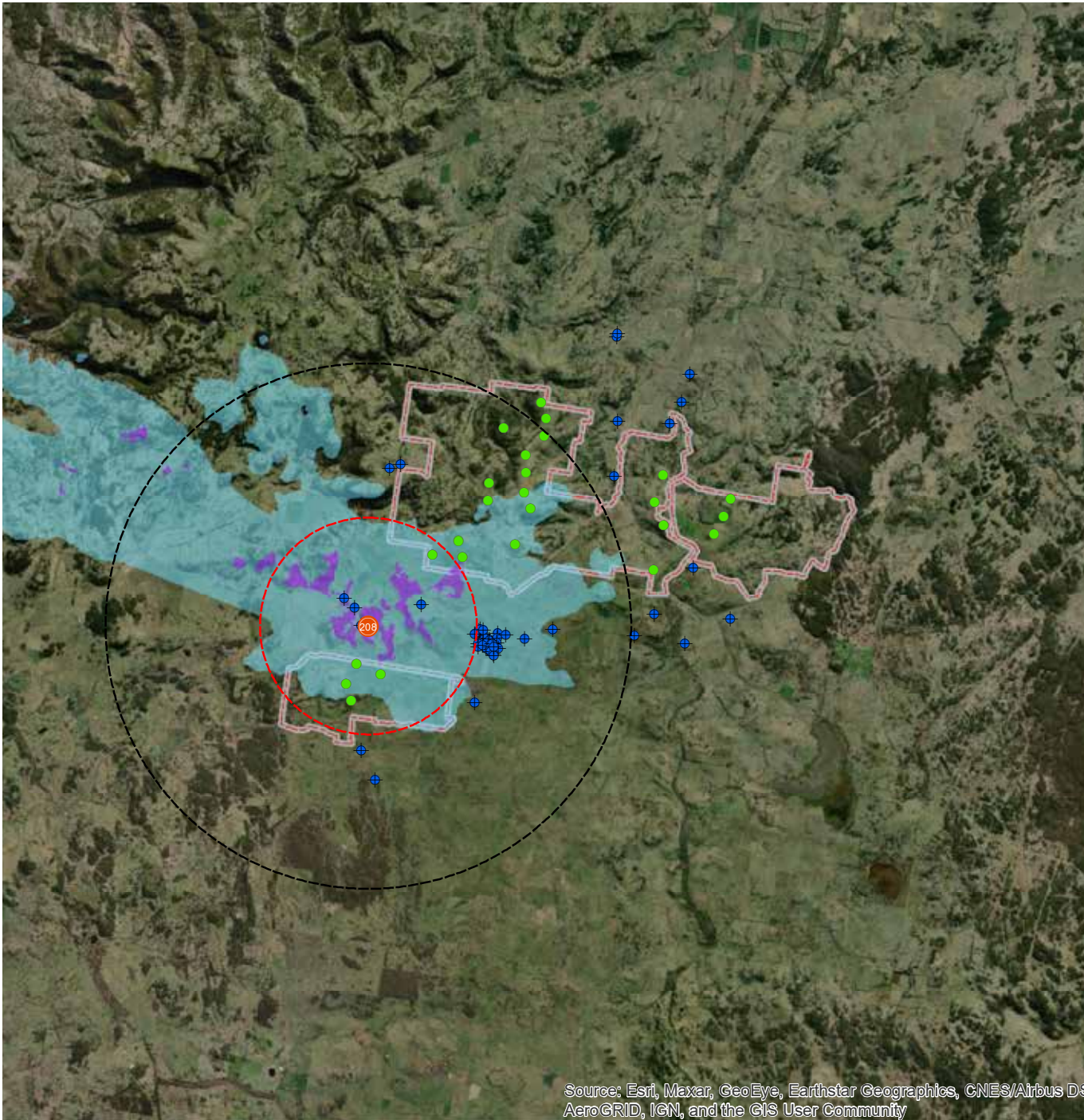
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 208

Ground level viewshed represents the current land theoretically visible.

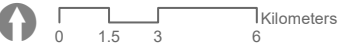
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

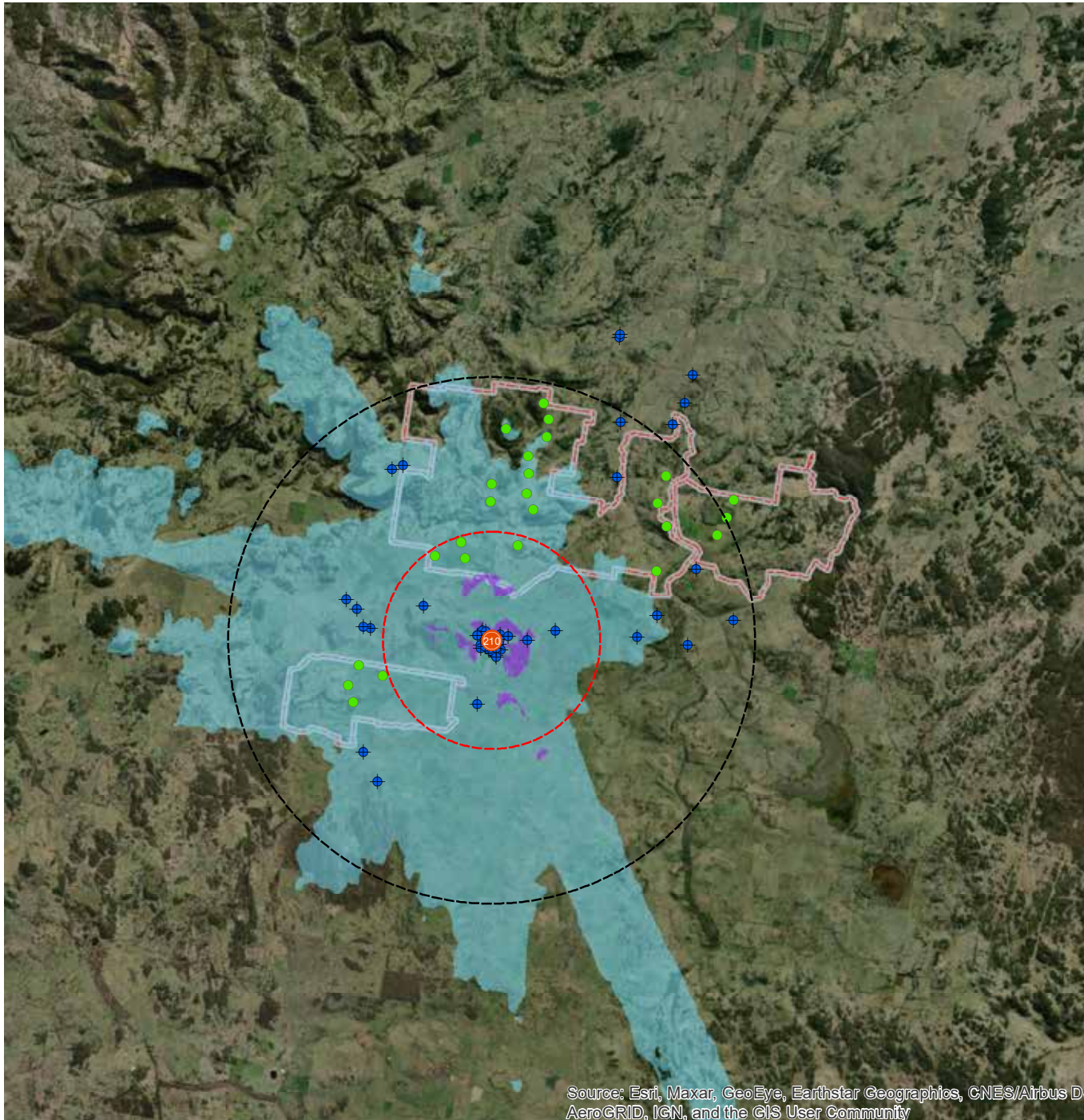
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



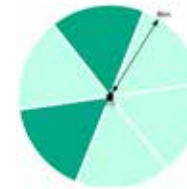


Viewpoint location: Property 210

Ground level viewshed represents the current land theoretically visible.

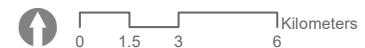
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

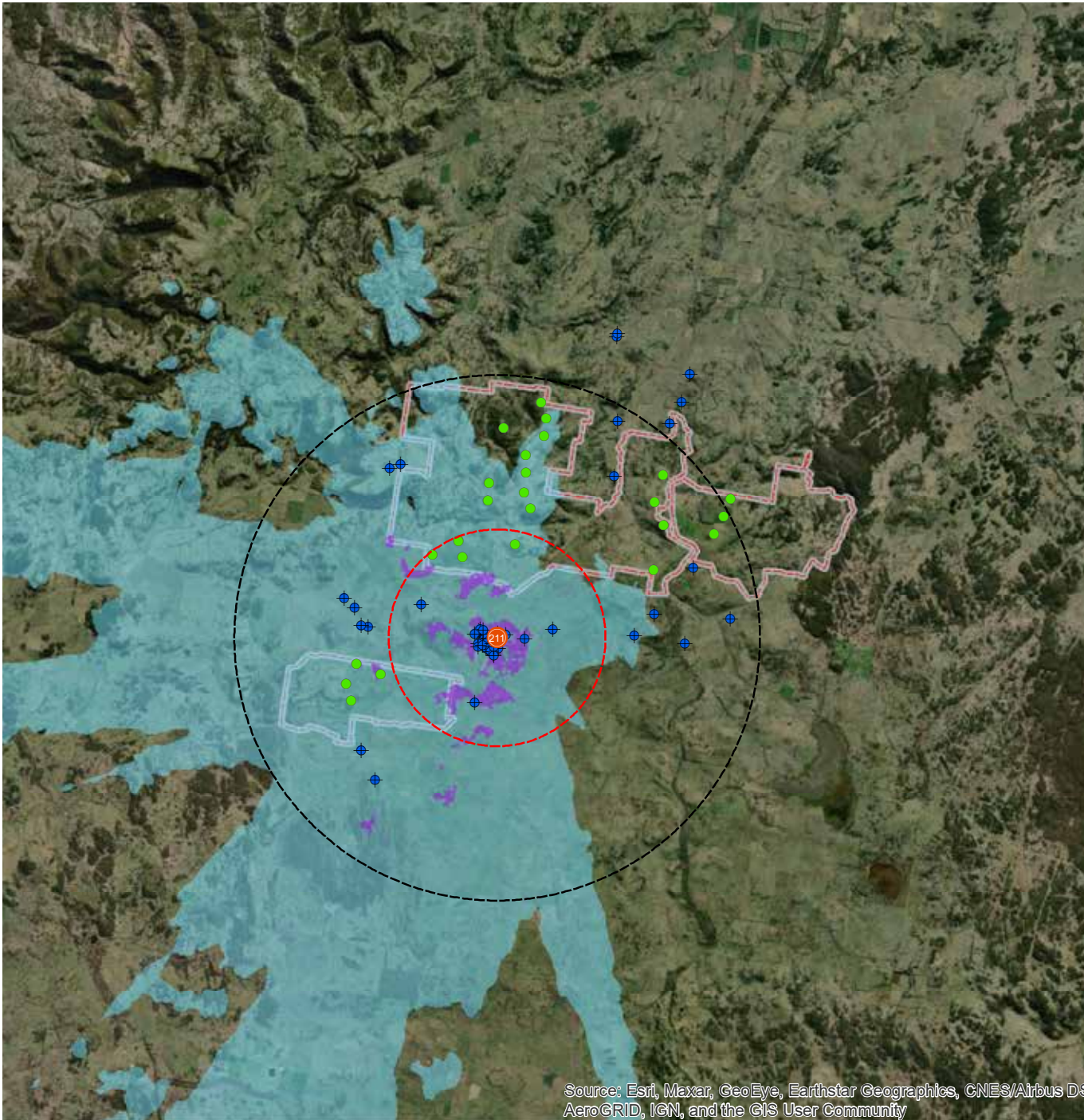
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 211

Ground level viewshed represents the current land theoretically visible.

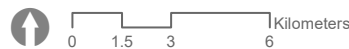
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

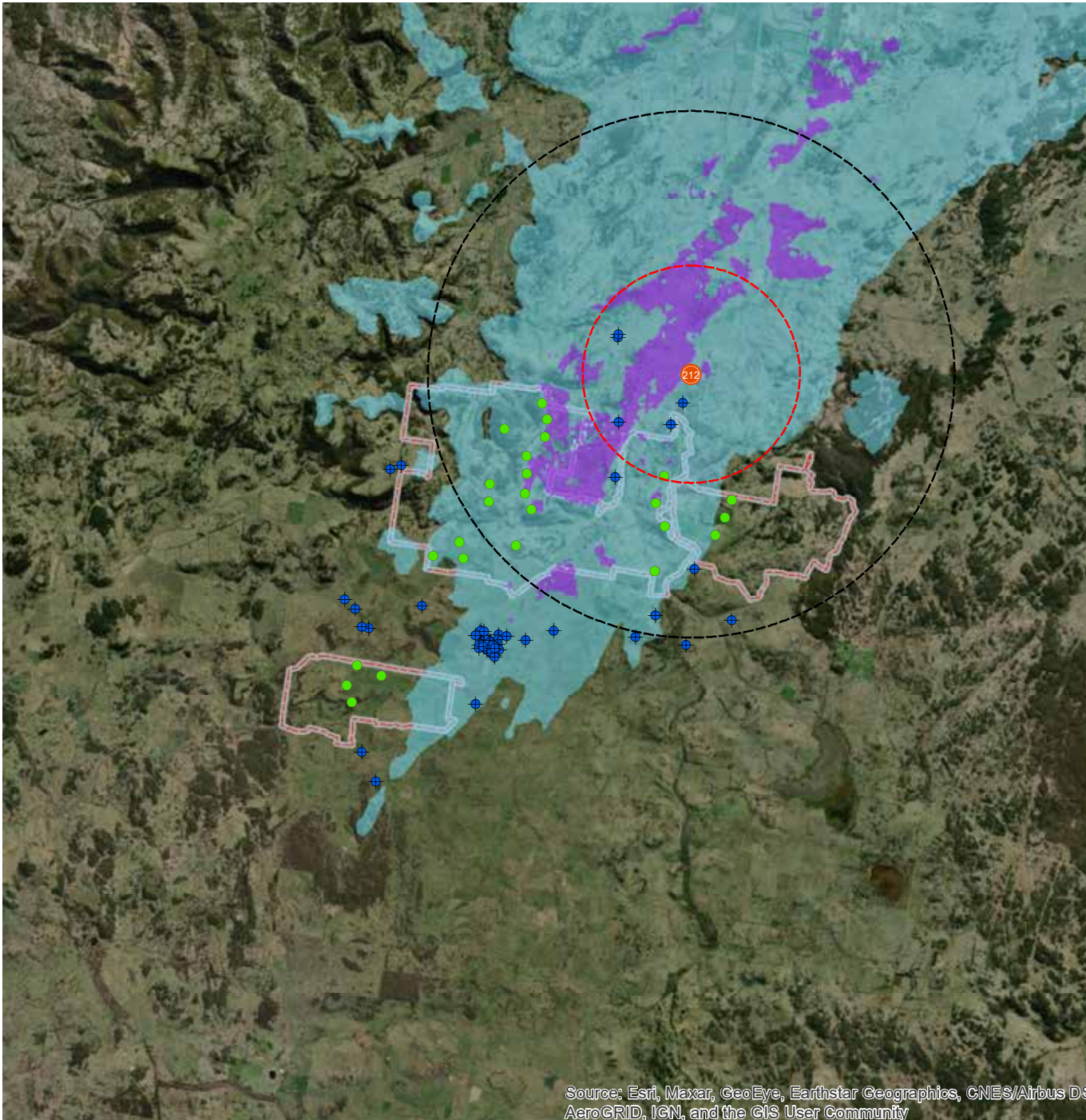
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 212

Ground level viewshed represents the current land theoretically visible.

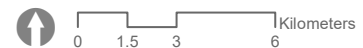
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

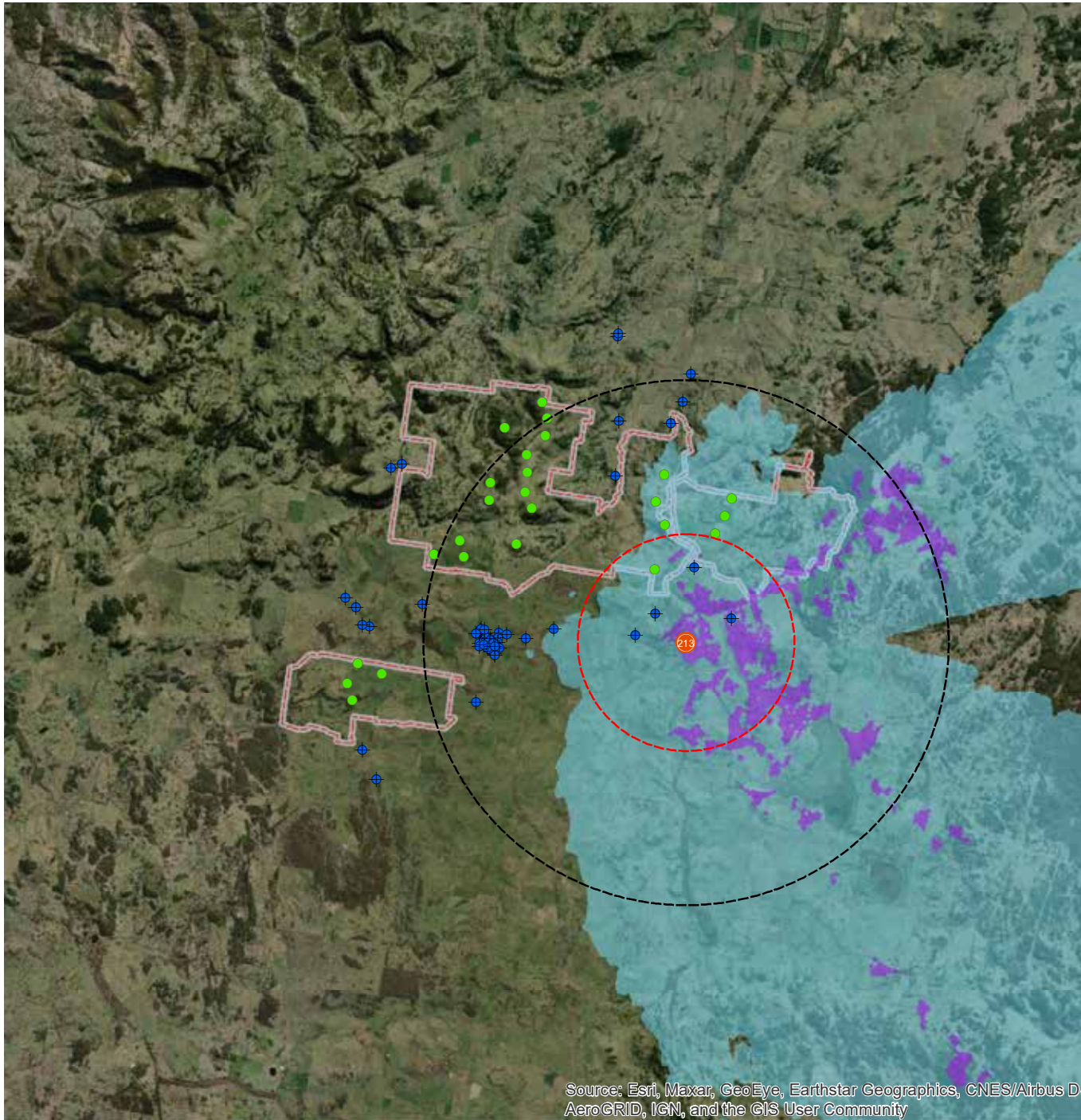
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 213

Ground level viewshed represents the current land theoretically visible.

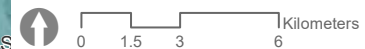
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

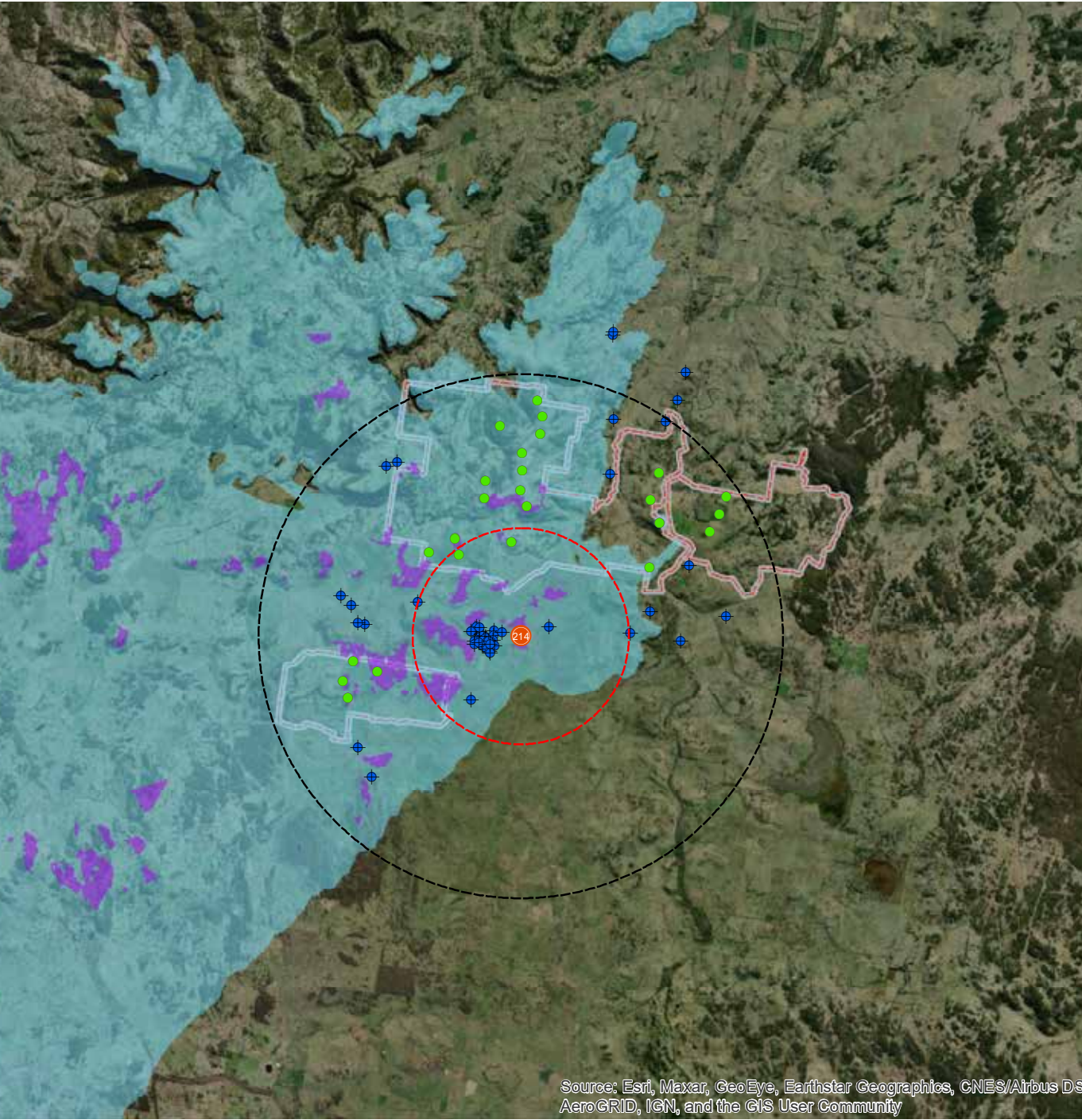


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 214

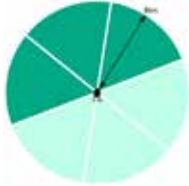


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

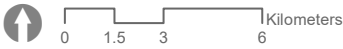
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

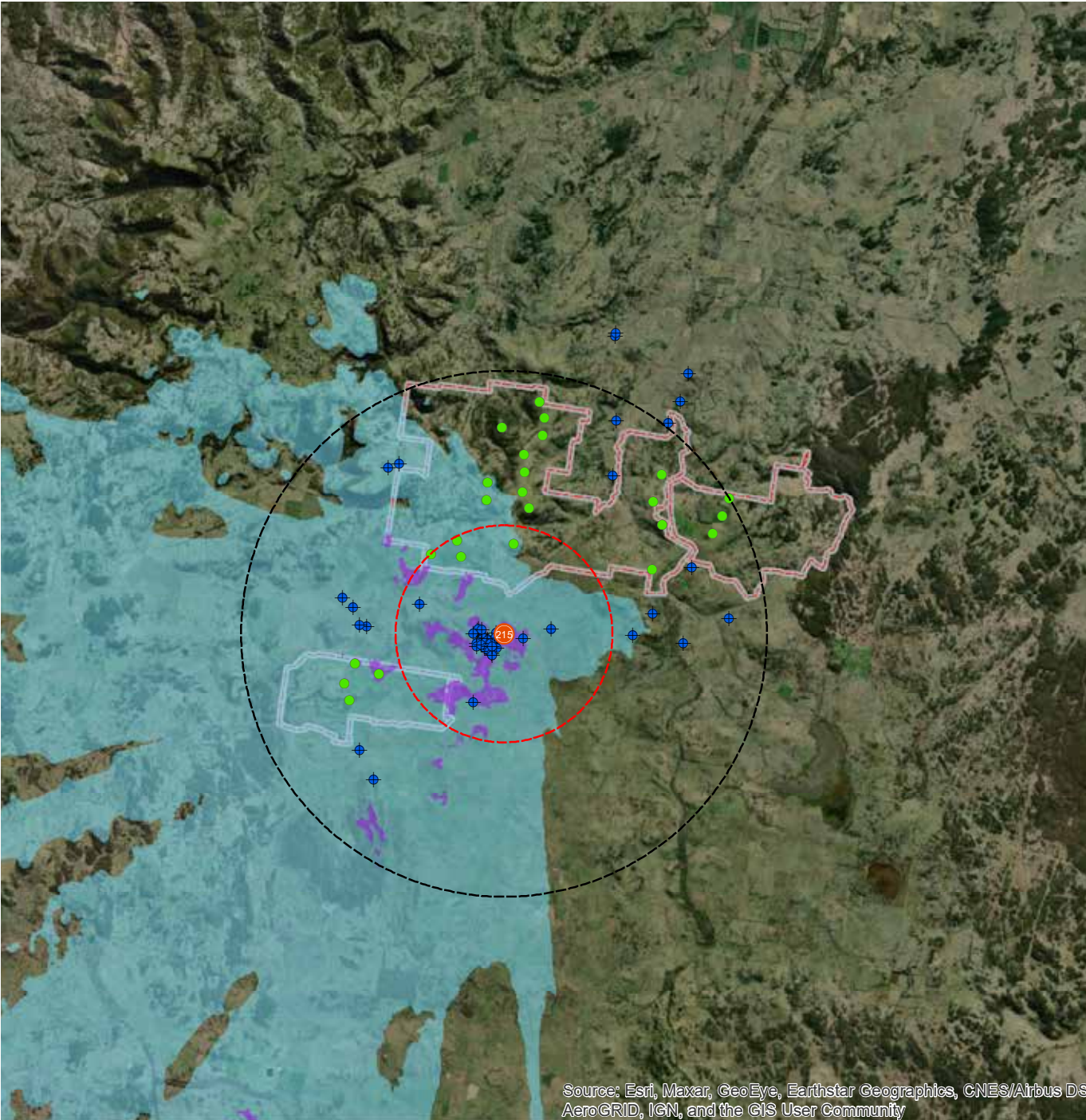


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 215



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

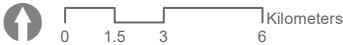
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

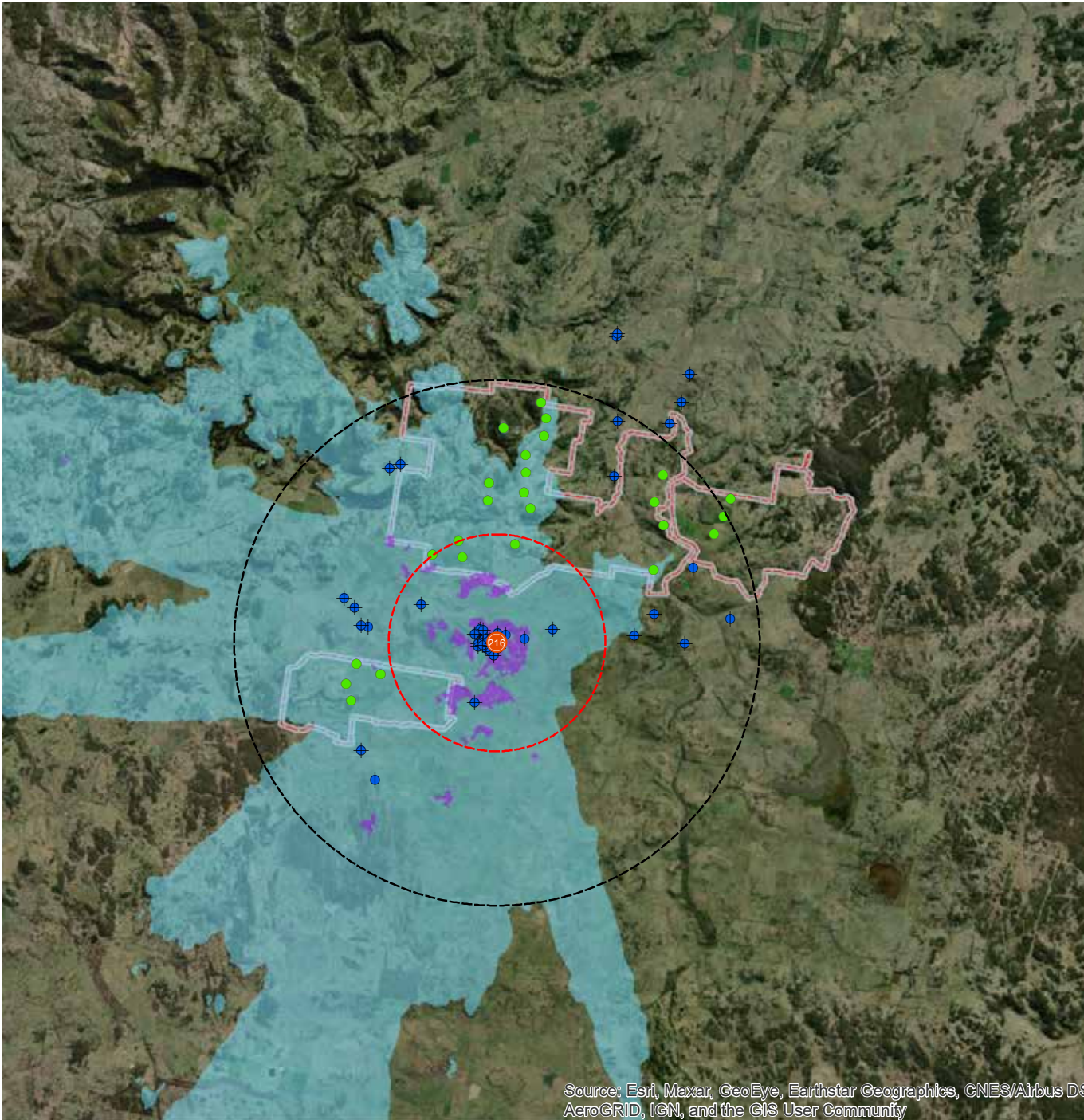
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





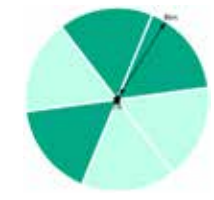
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 216

Ground level viewshed represents the current land theoretically visible.

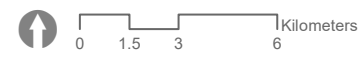
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

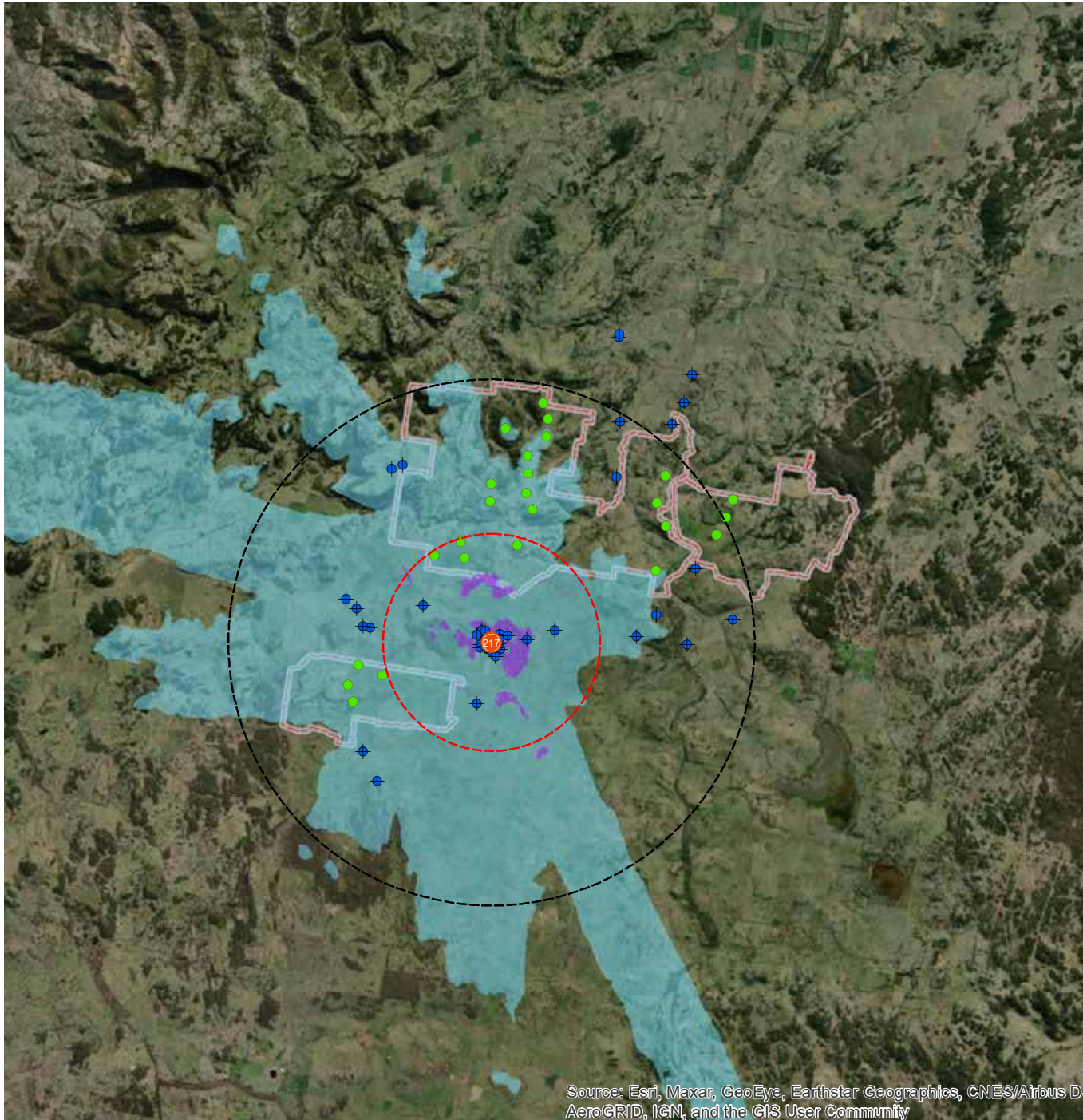
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Viewpoint location: Property 217

Ground level viewshed represents the current land theoretically visible.

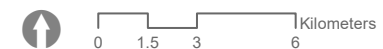
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

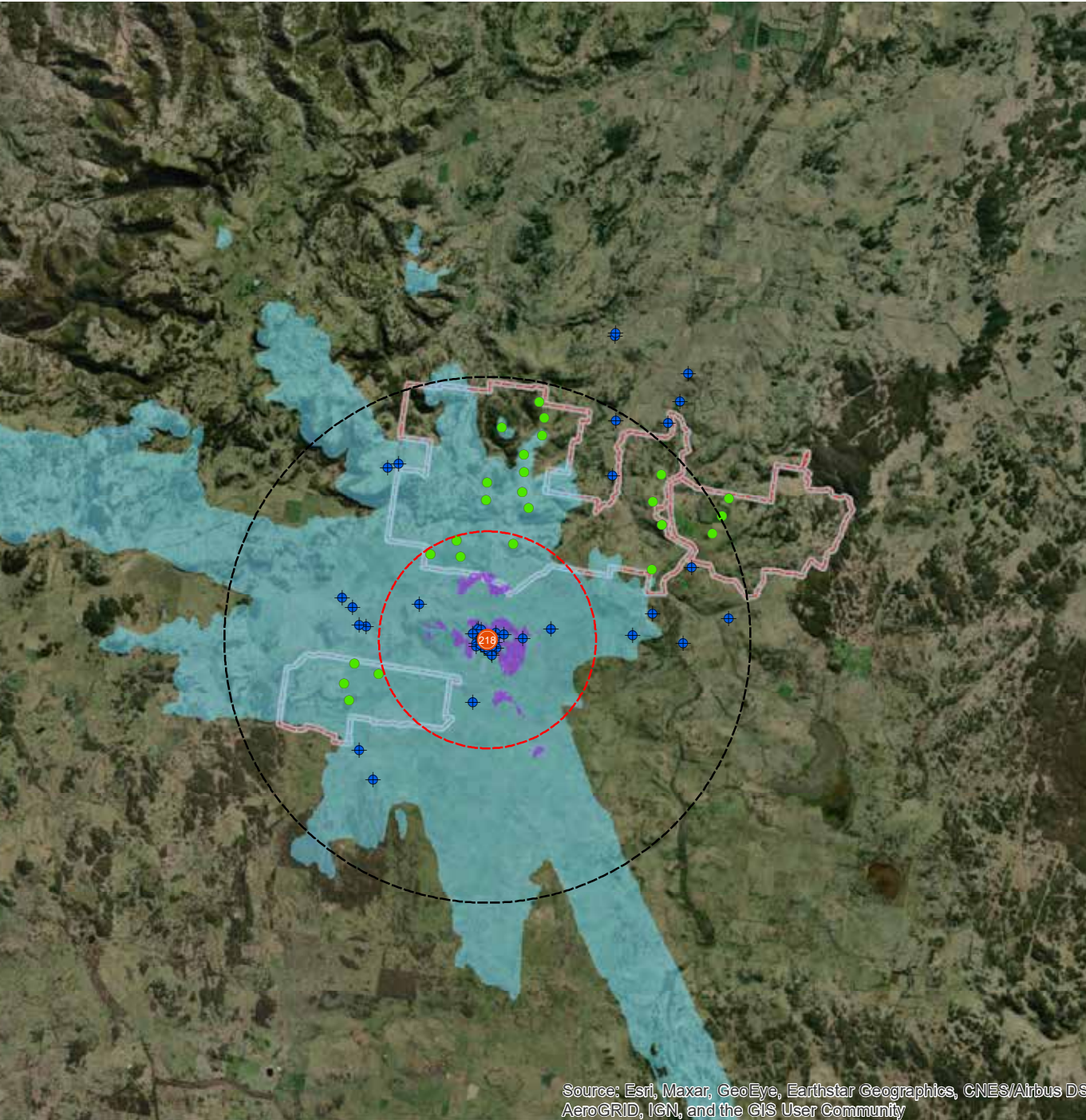


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 218



Ground level viewshed represents the current land theoretically visible.

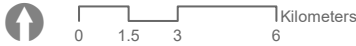
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

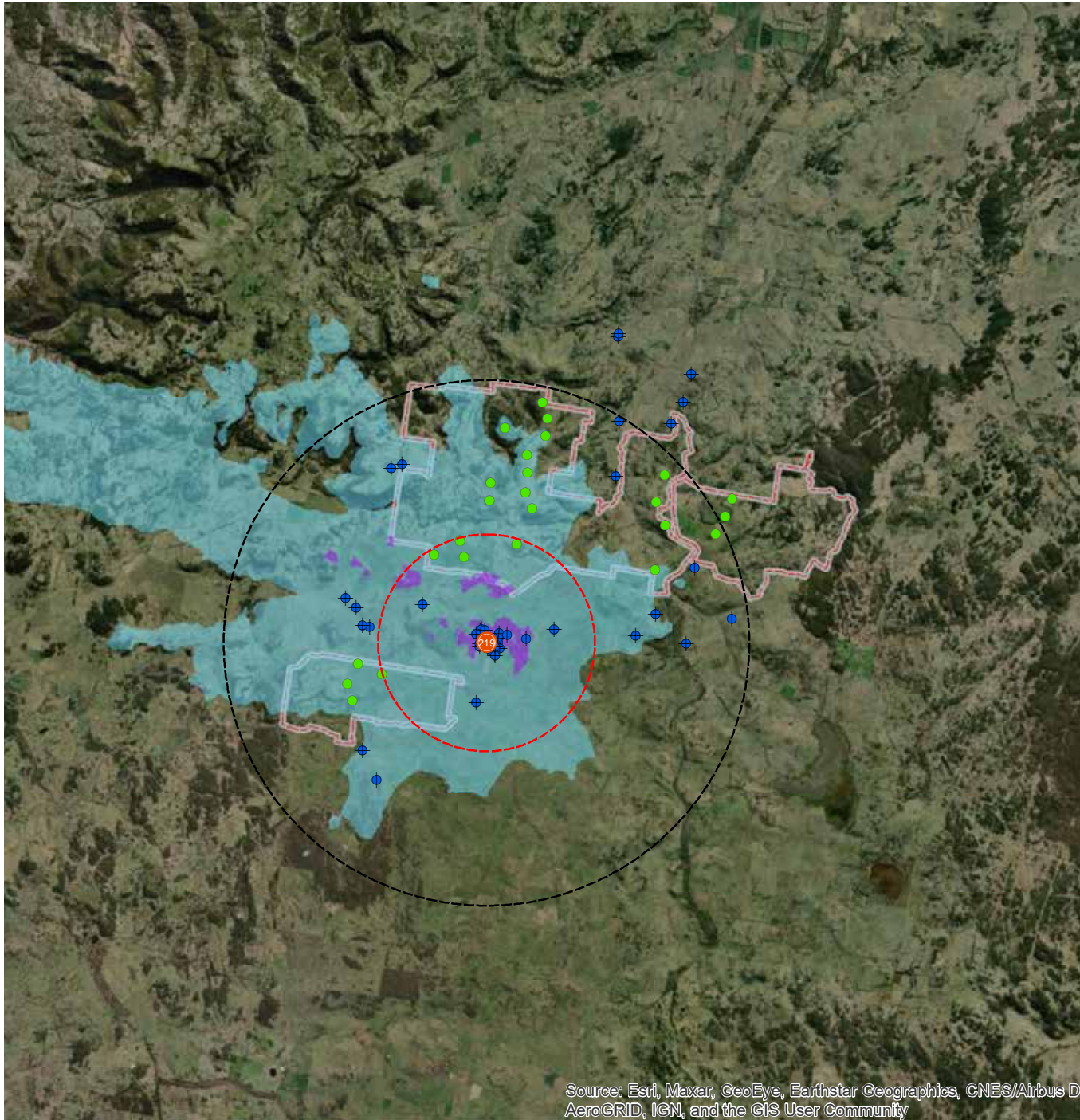
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





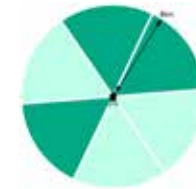
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 219

Ground level viewshed represents the current land theoretically visible.

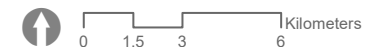
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

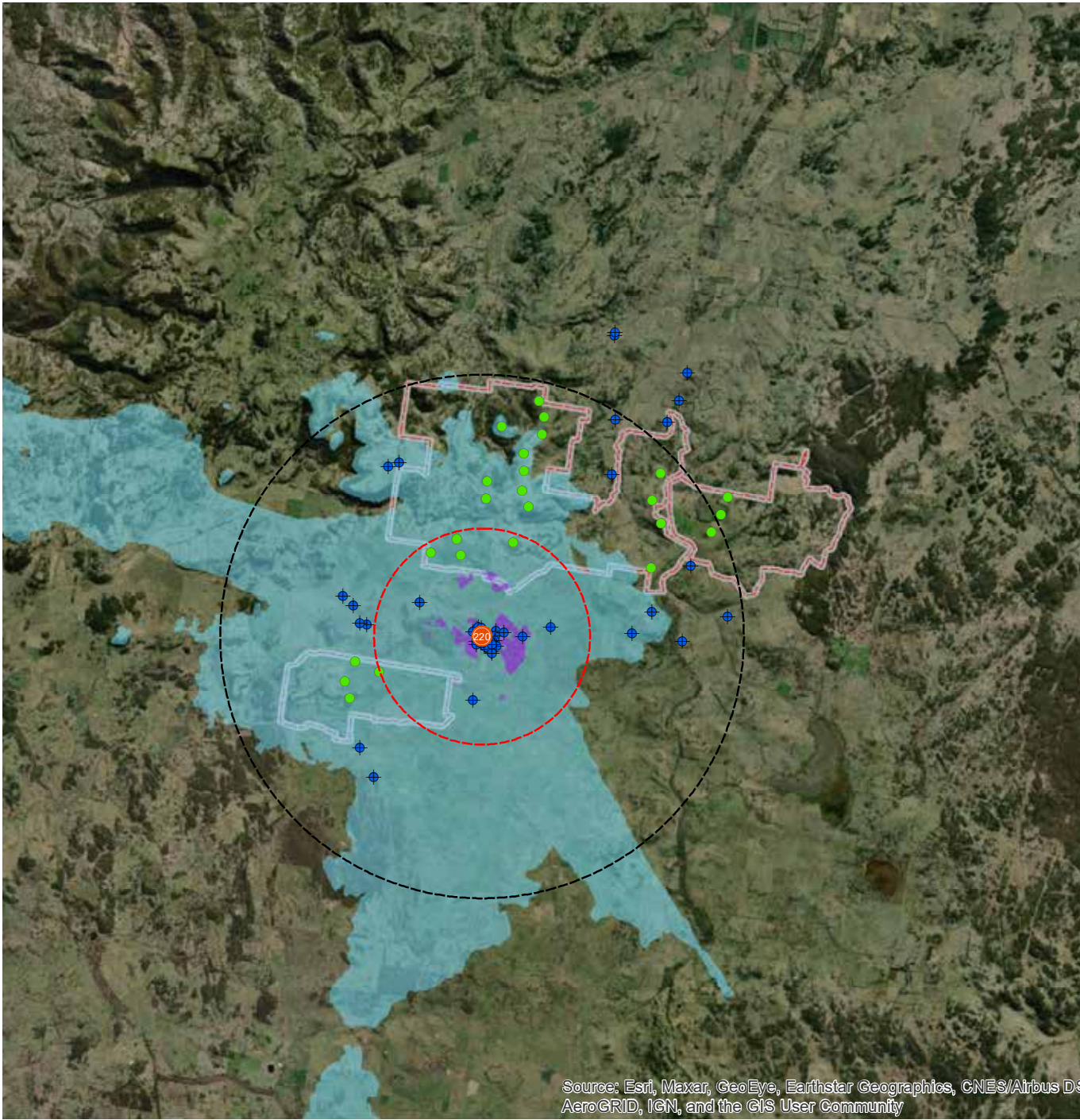
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 220

Ground level viewshed represents the current land theoretically visible.

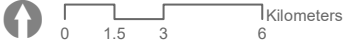
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

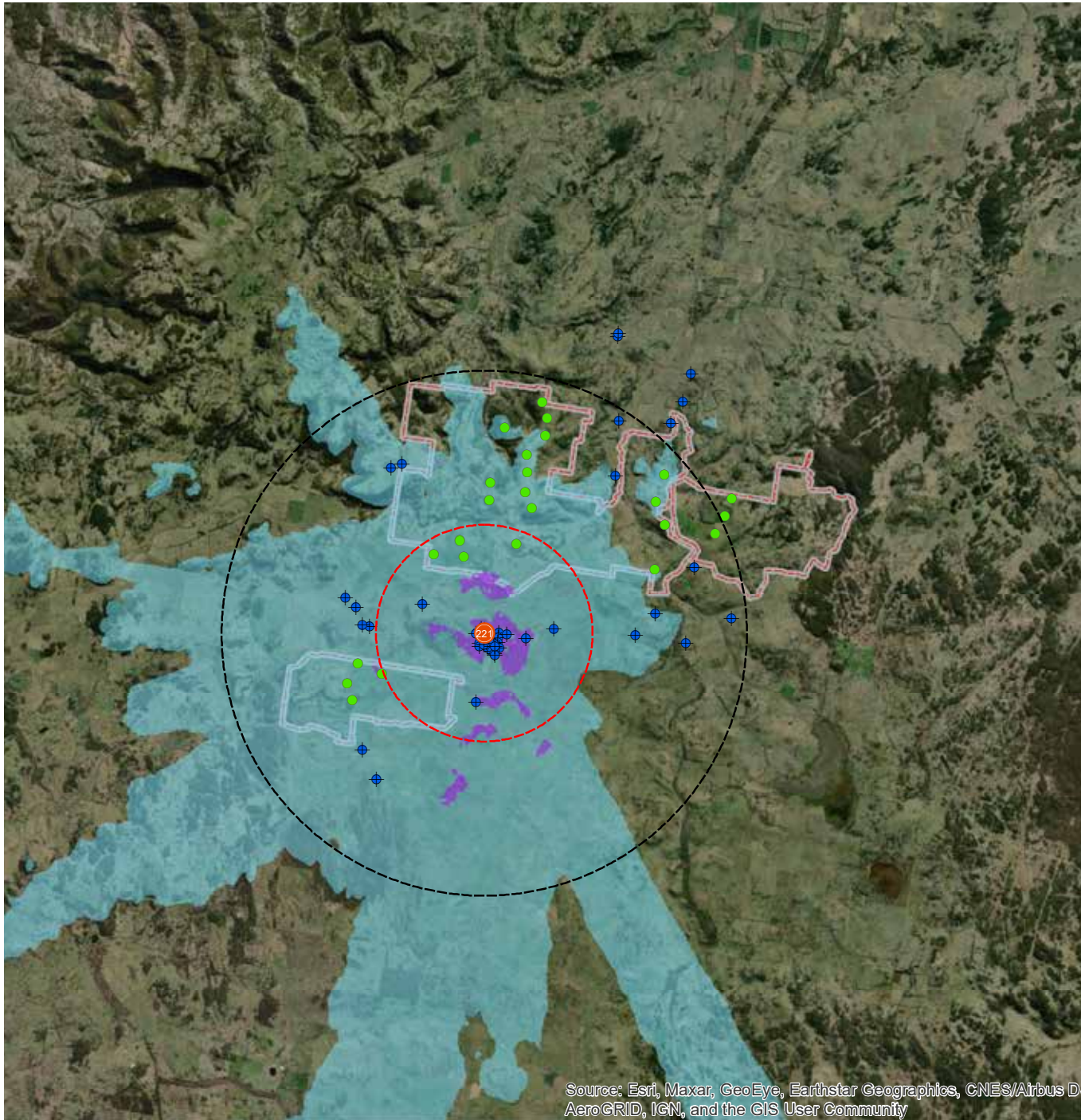
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



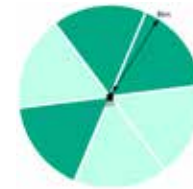


Viewpoint location: Property 221

Ground level viewshed represents the current land theoretically visible.

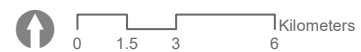
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

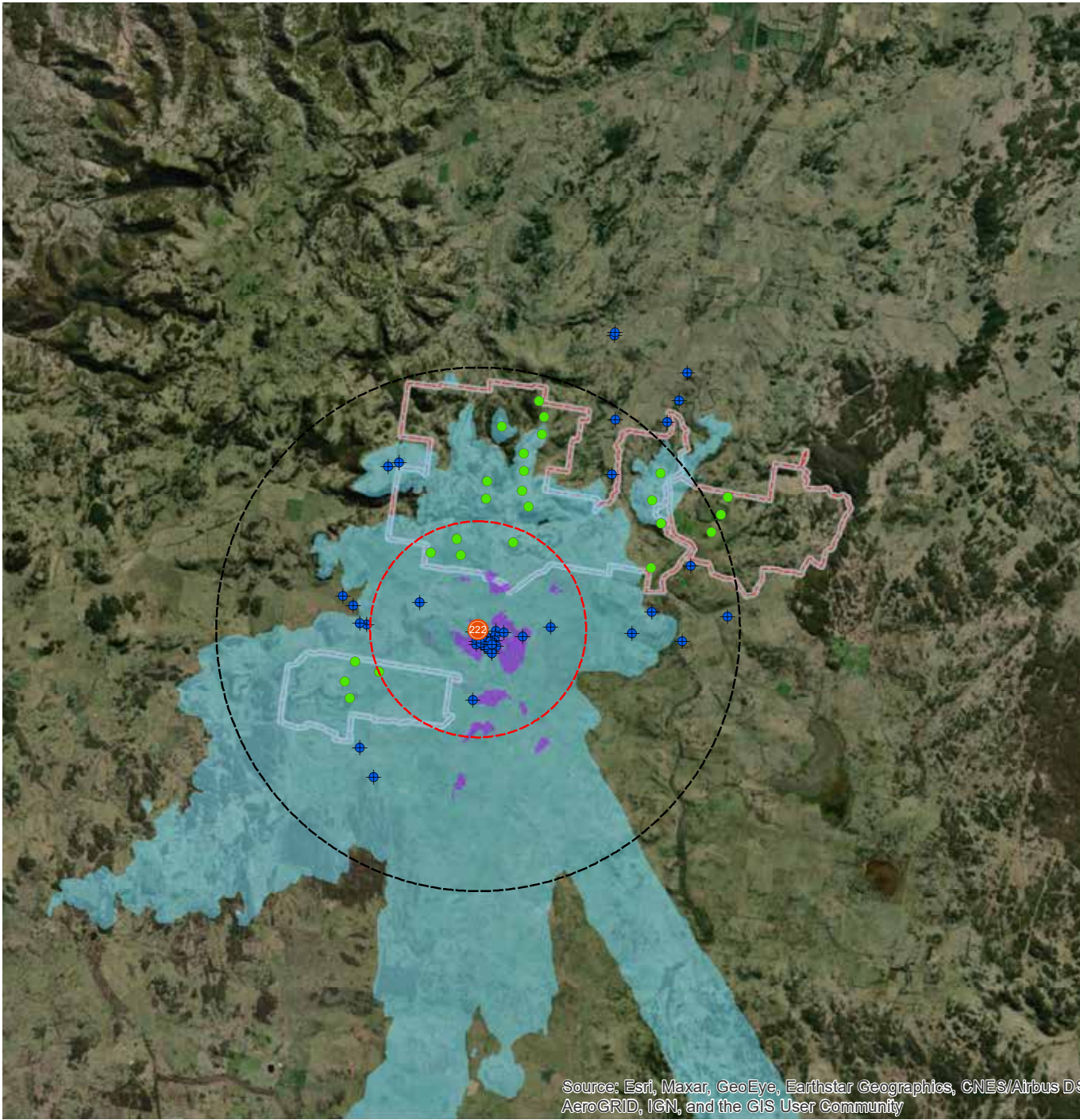
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





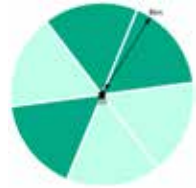
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 222

Ground level viewshed represents the current land theoretically visible.

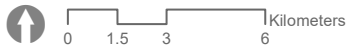
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

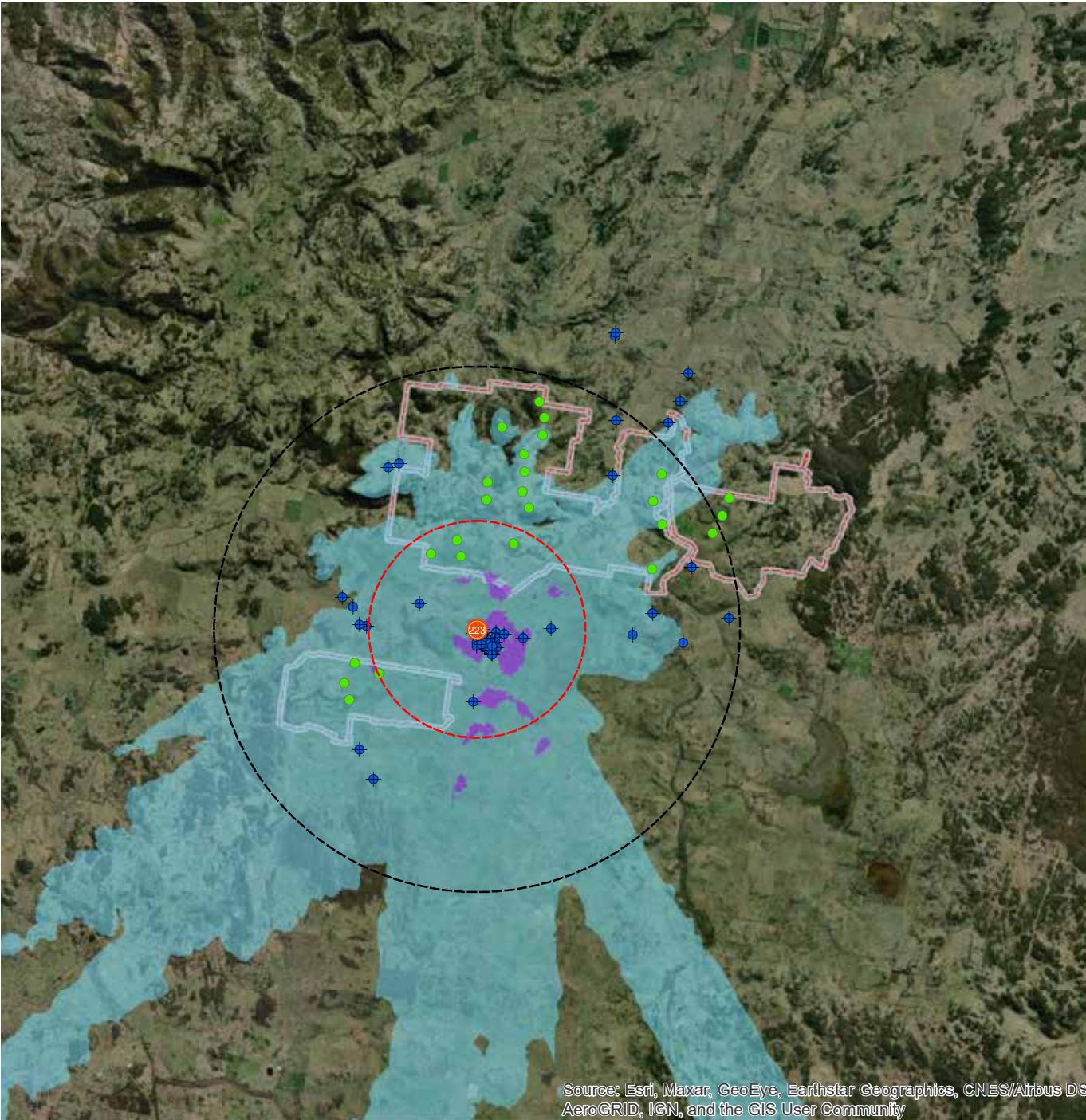


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 223



Ground level viewshed represents the current land theoretically visible.

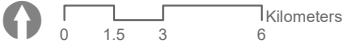
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

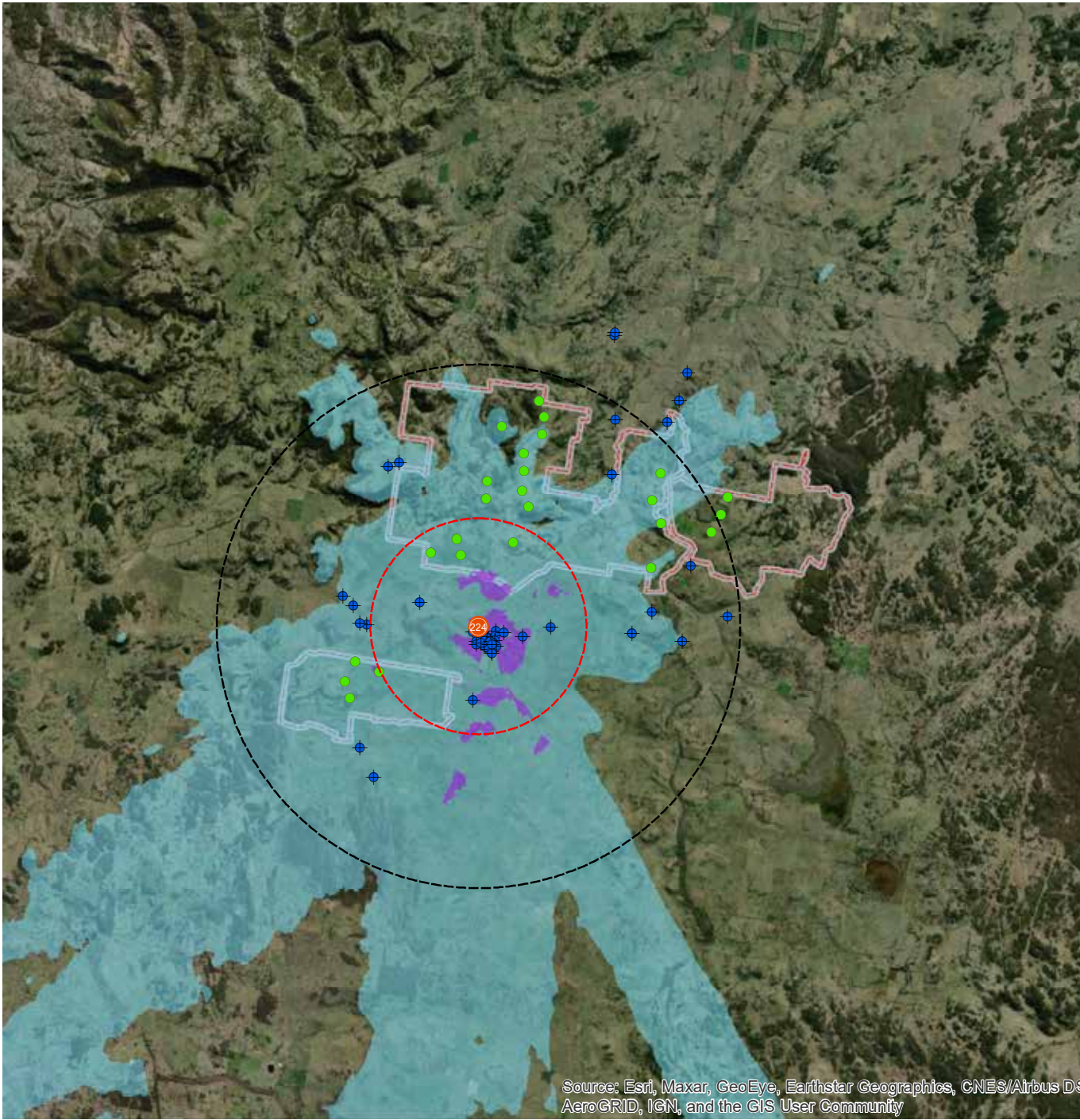
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





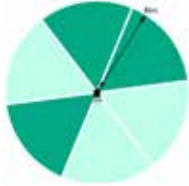
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 224

Ground level viewshed represents the current land theoretically visible.

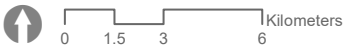
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

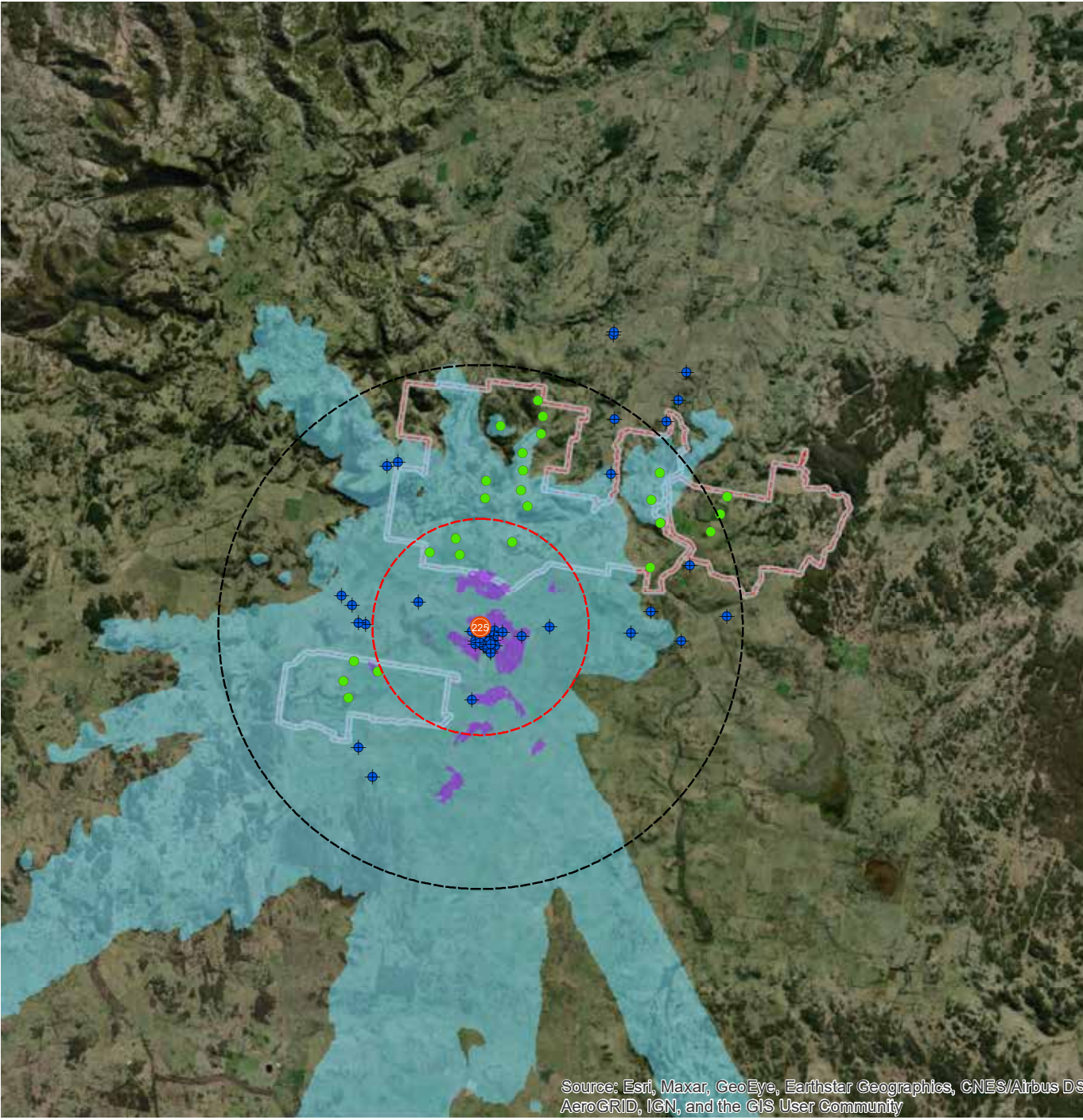


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 225

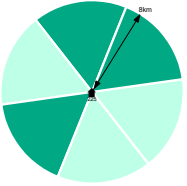


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

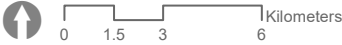
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

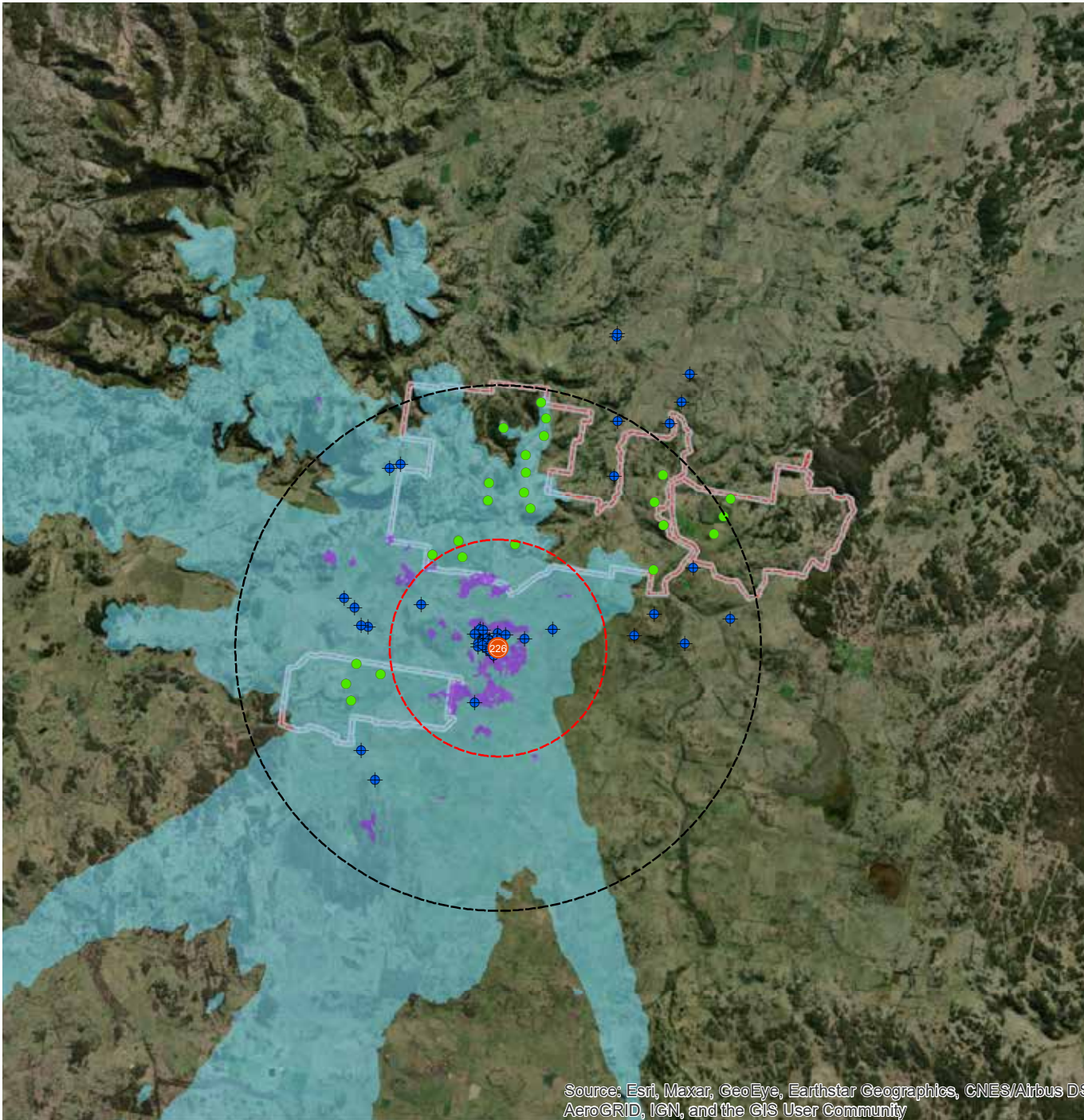
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



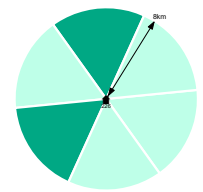


Viewpoint location: Property 226

Ground level viewshed represents the current land theoretically visible.

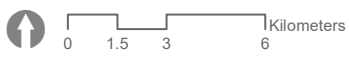
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

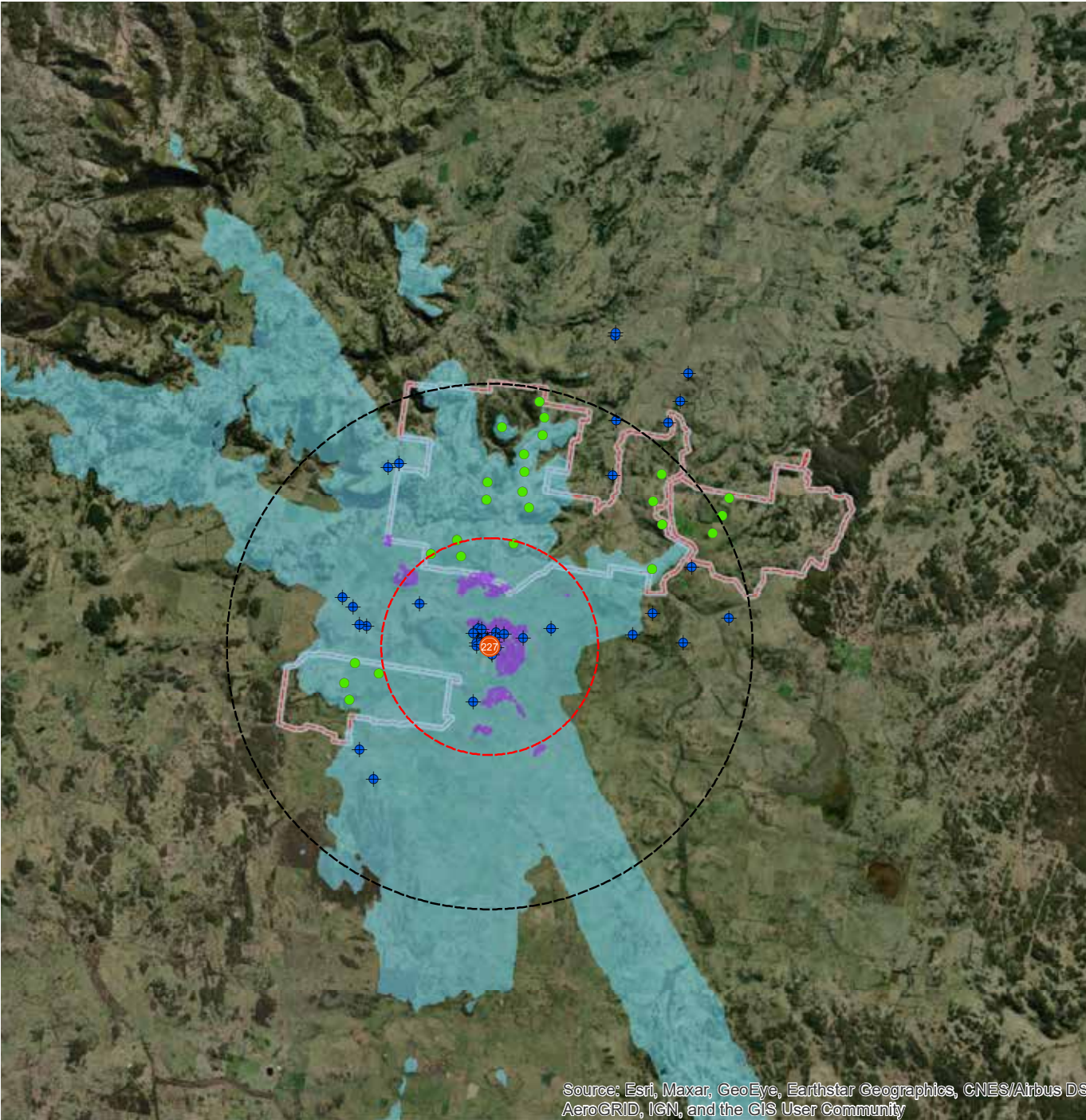


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



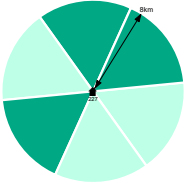
Viewpoint location: Property 227



Ground level viewshed represents the current land theoretically visible.

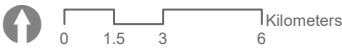
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

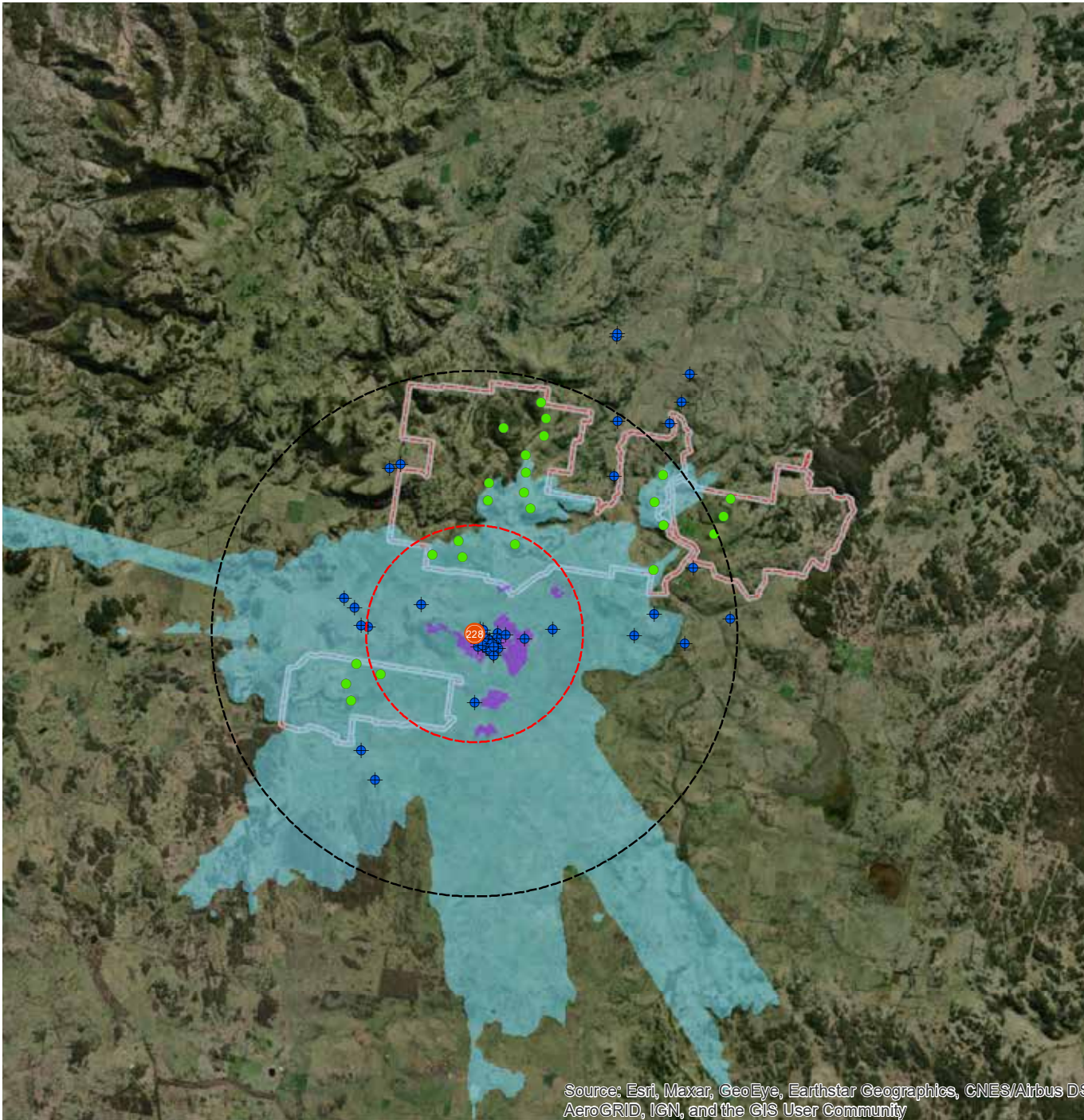
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



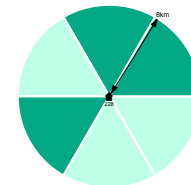


Viewpoint location: Property 228

Ground level viewshed represents the current land theoretically visible.

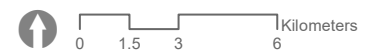
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

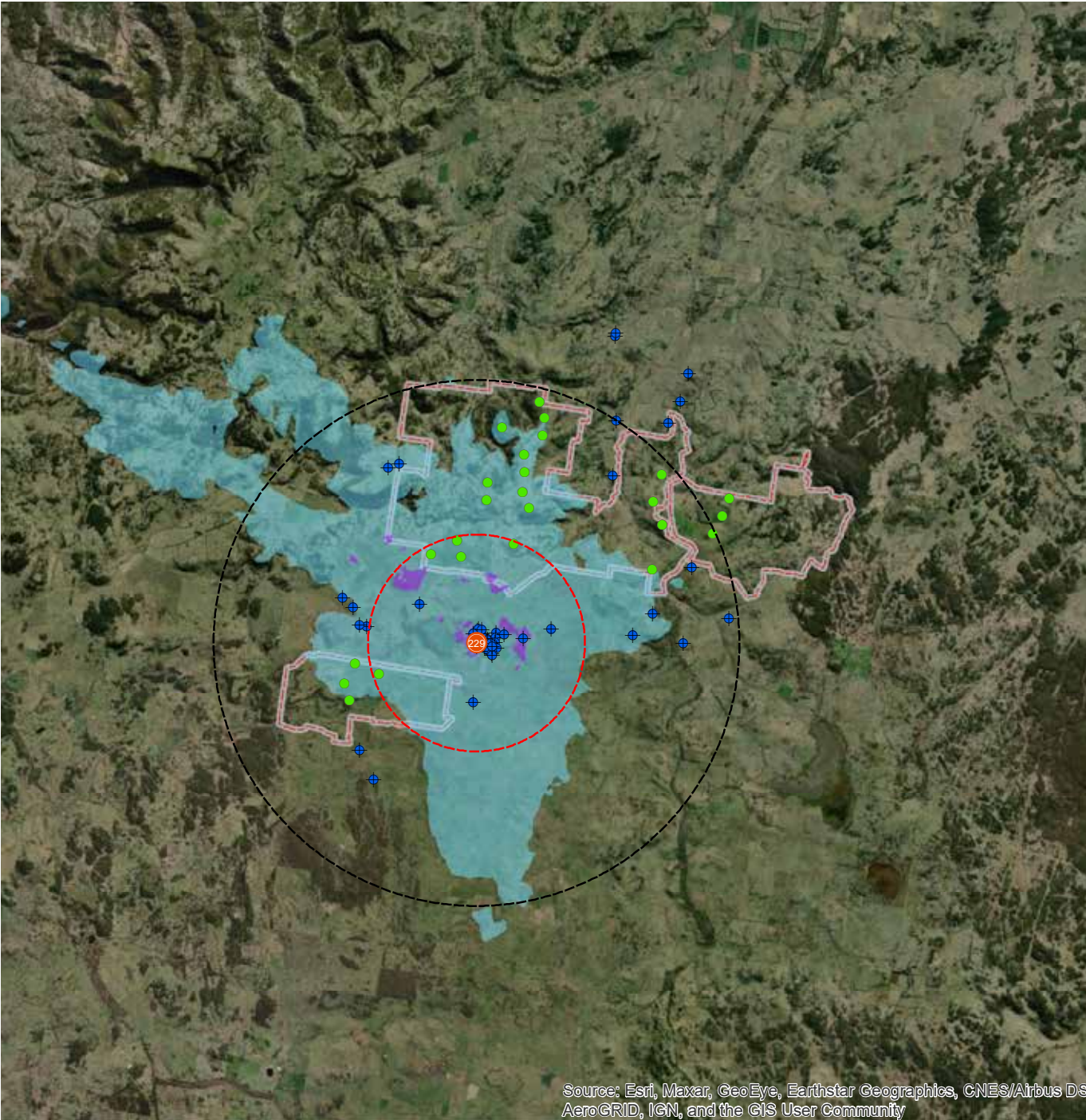


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 229

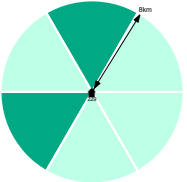


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

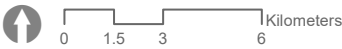
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

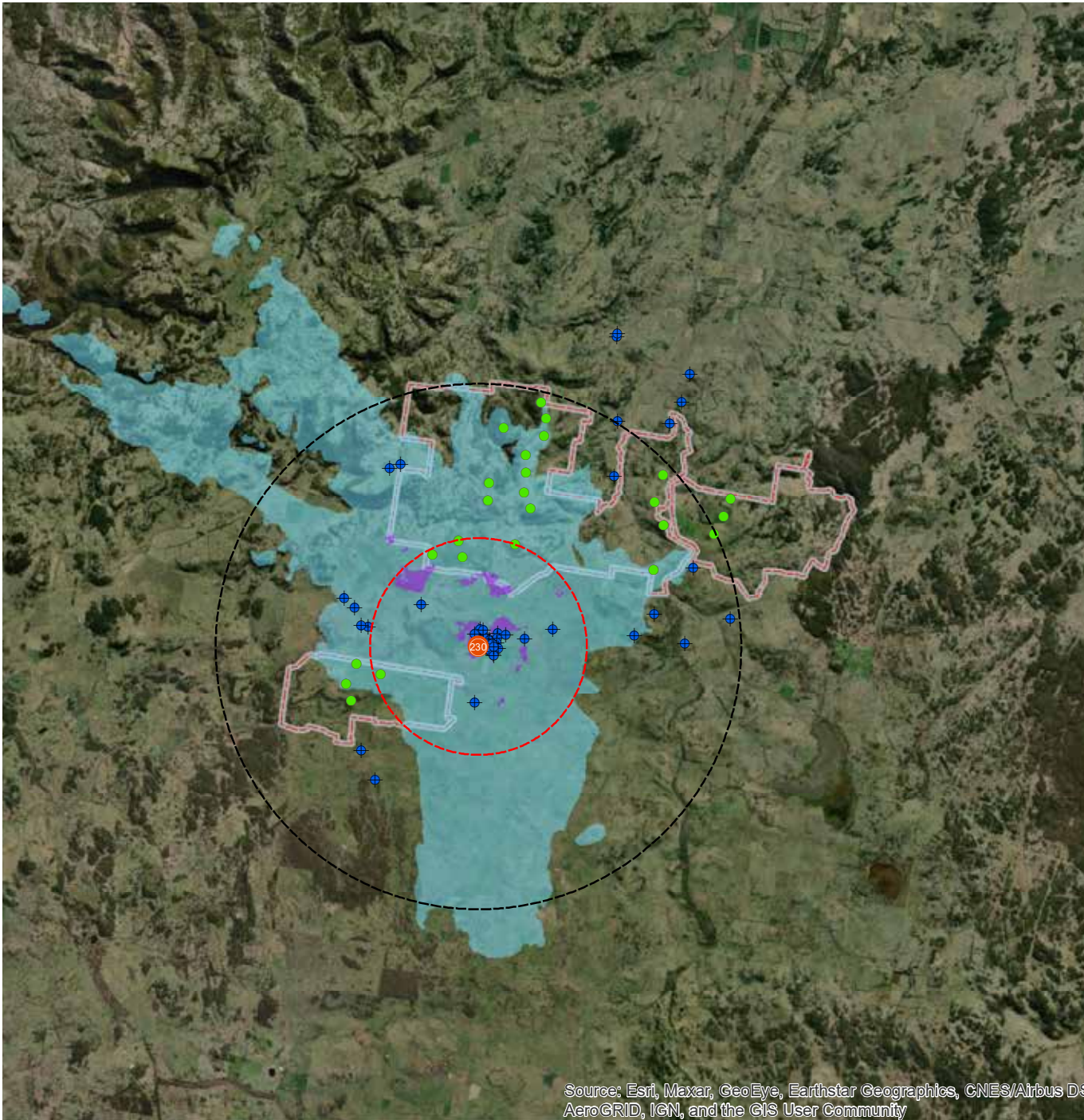
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





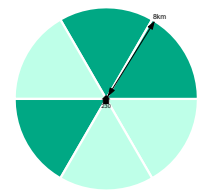
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 230

Ground level viewshed represents the current land theoretically visible.

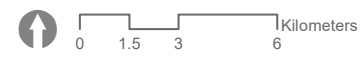
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

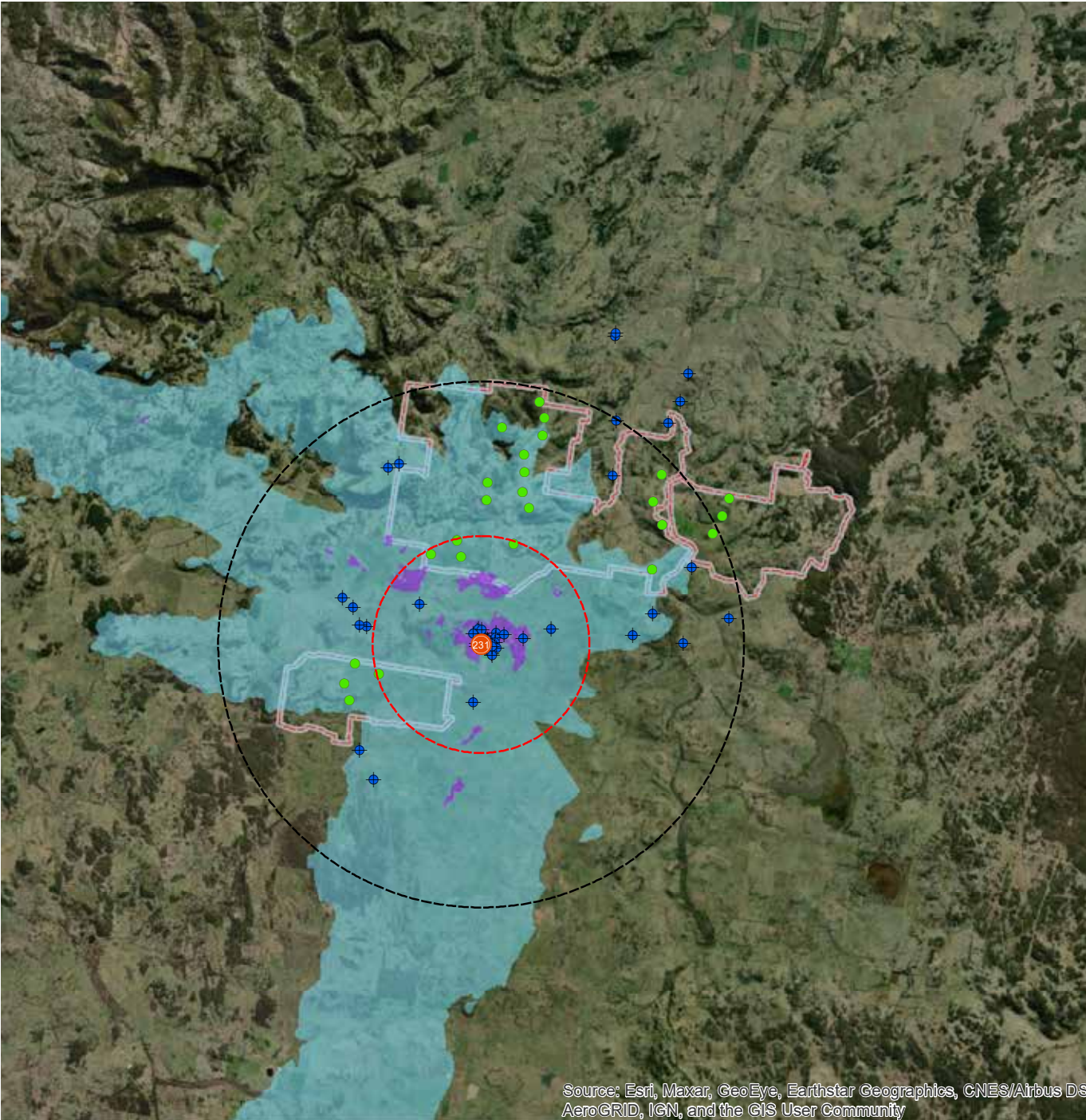


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



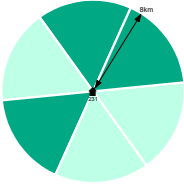
Viewpoint location: Property 231



Ground level viewshed represents the current land theoretically visible.

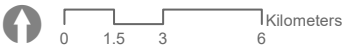
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

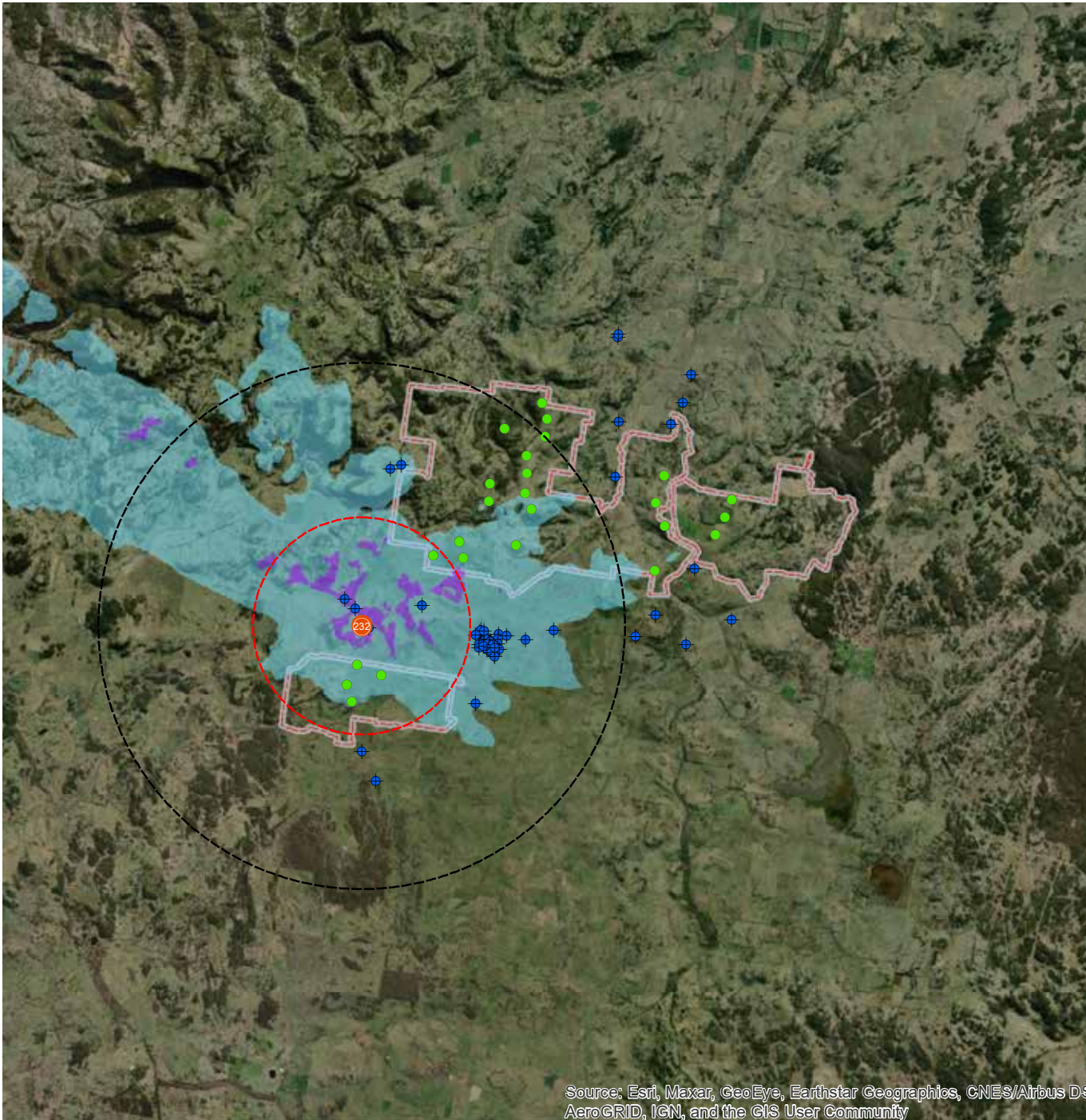
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





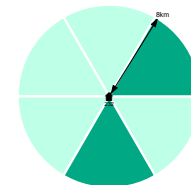
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 232

Ground level viewshed represents the current land theoretically visible.

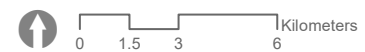
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

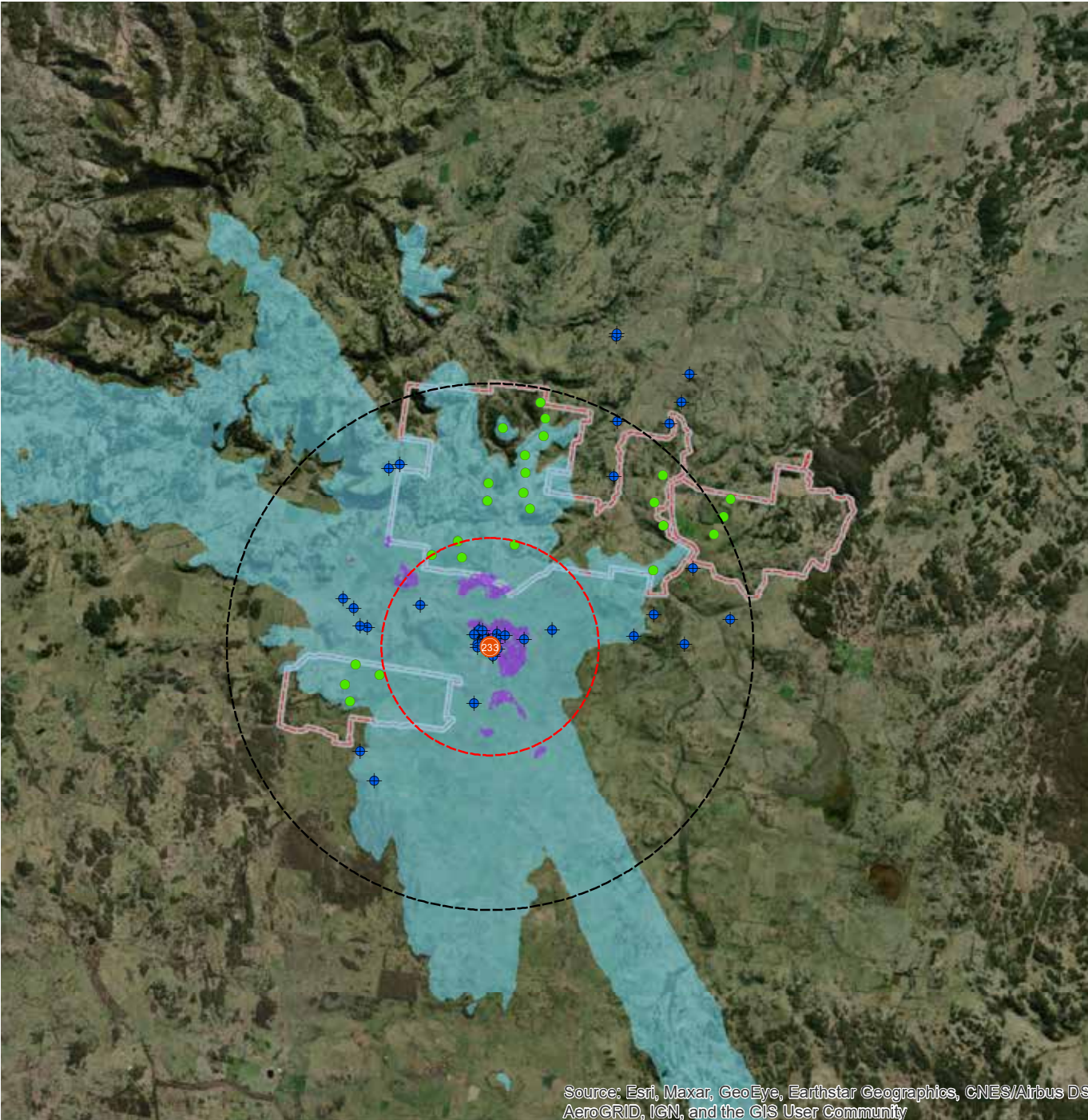


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Viewpoint location: Property 233

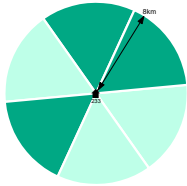


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Ground level viewshed represents the current land theoretically visible.

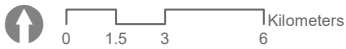
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

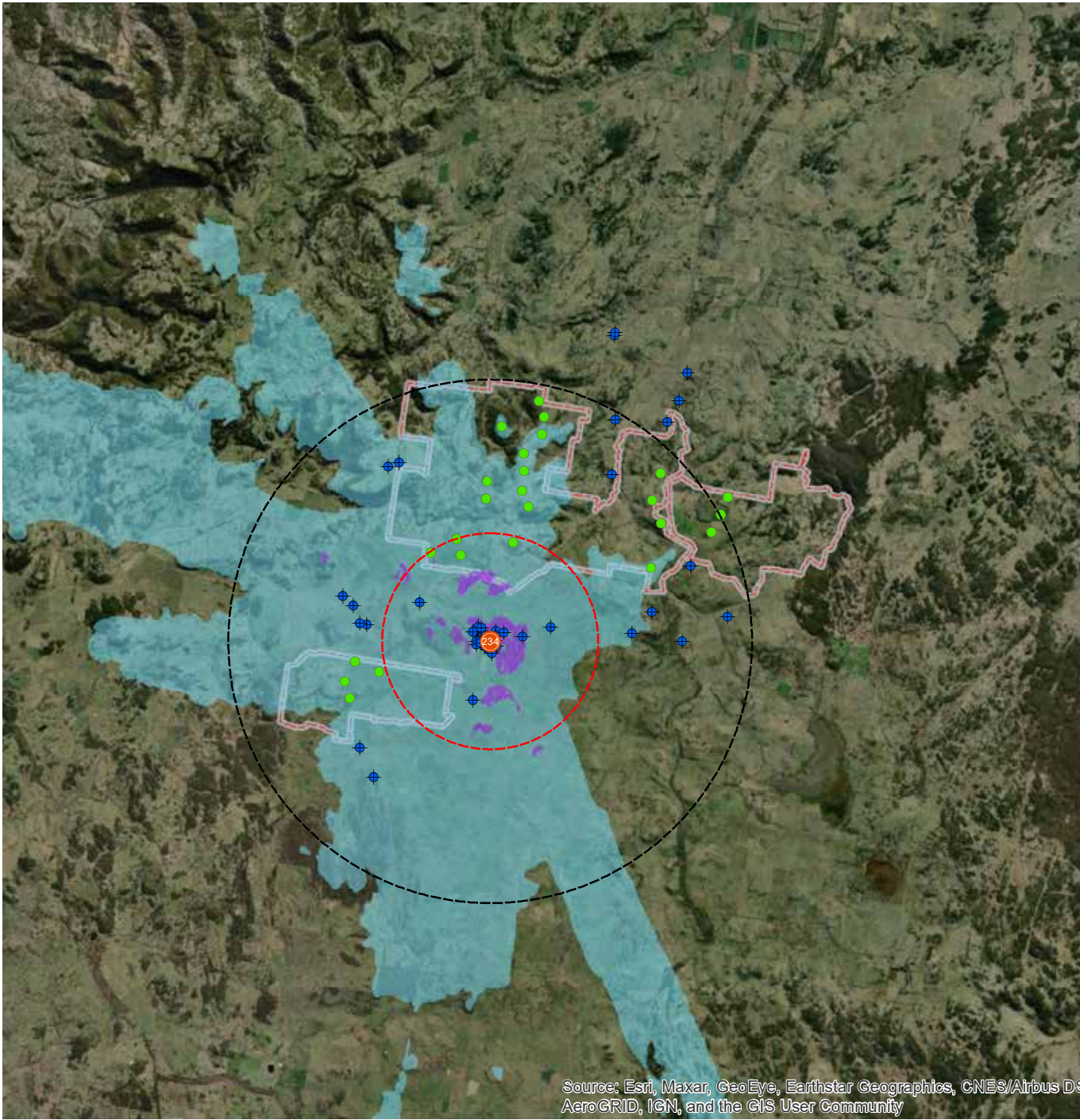
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



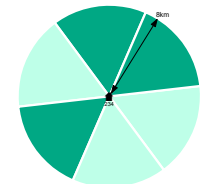


Viewpoint location: Property 234

Ground level viewshed represents the current land theoretically visible.

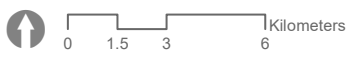
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

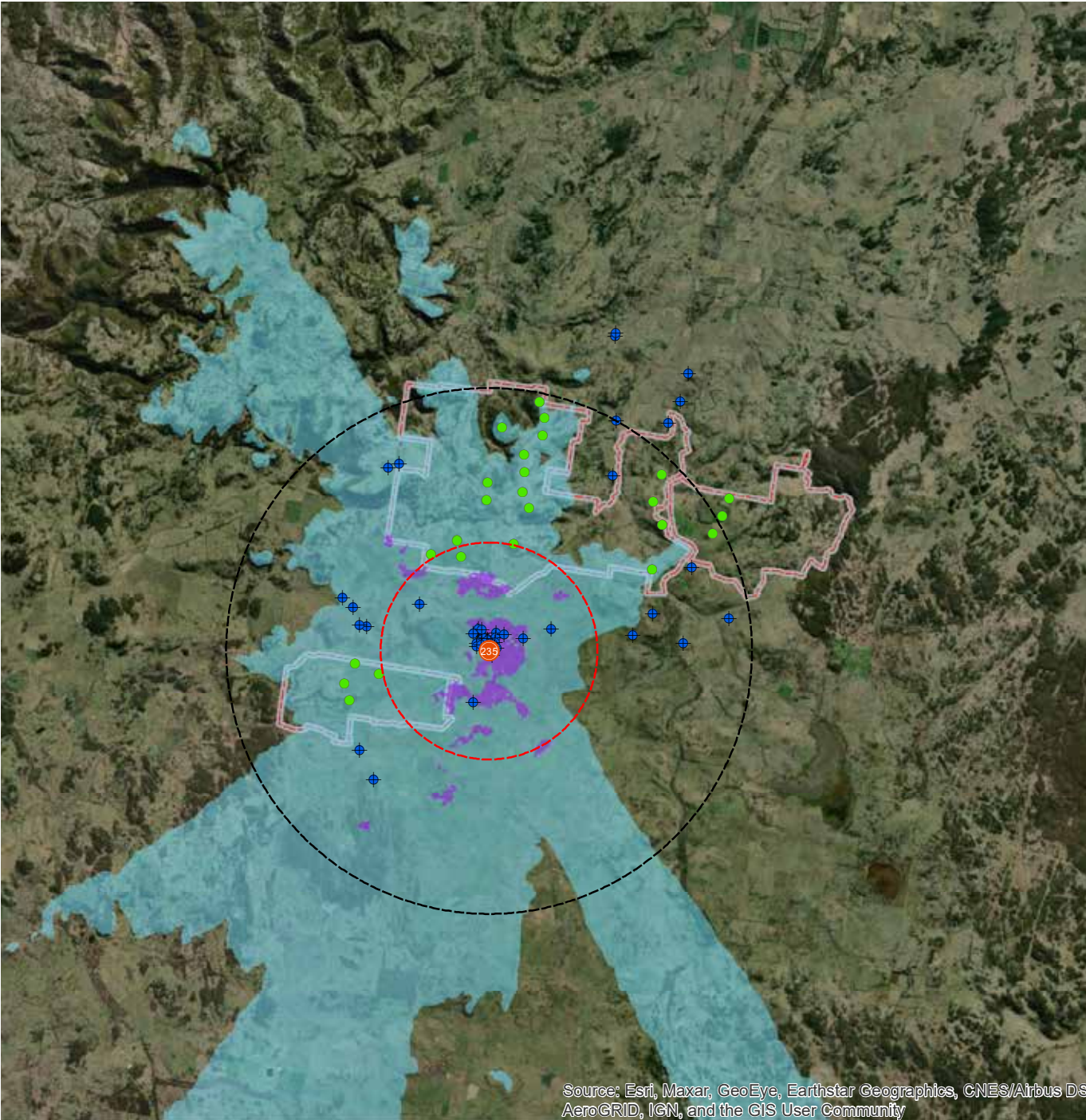


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



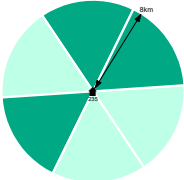
Viewpoint location: Property 235



Ground level viewshed represents the current land theoretically visible.

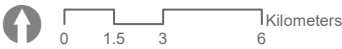
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

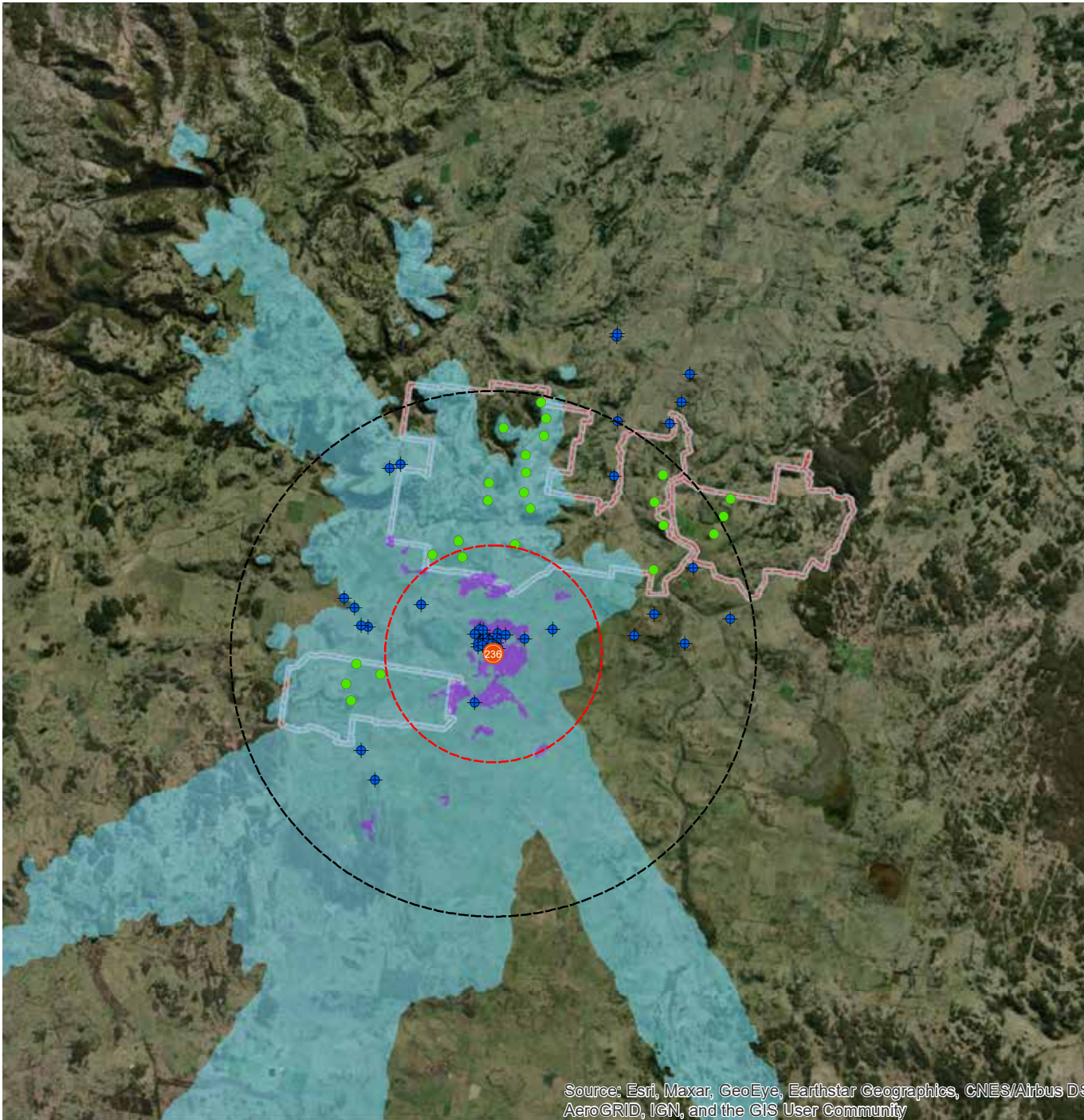
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





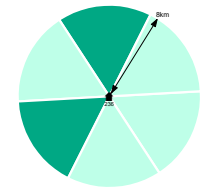
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 236

Ground level viewshed represents the current land theoretically visible.

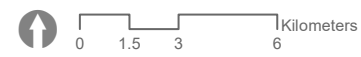
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

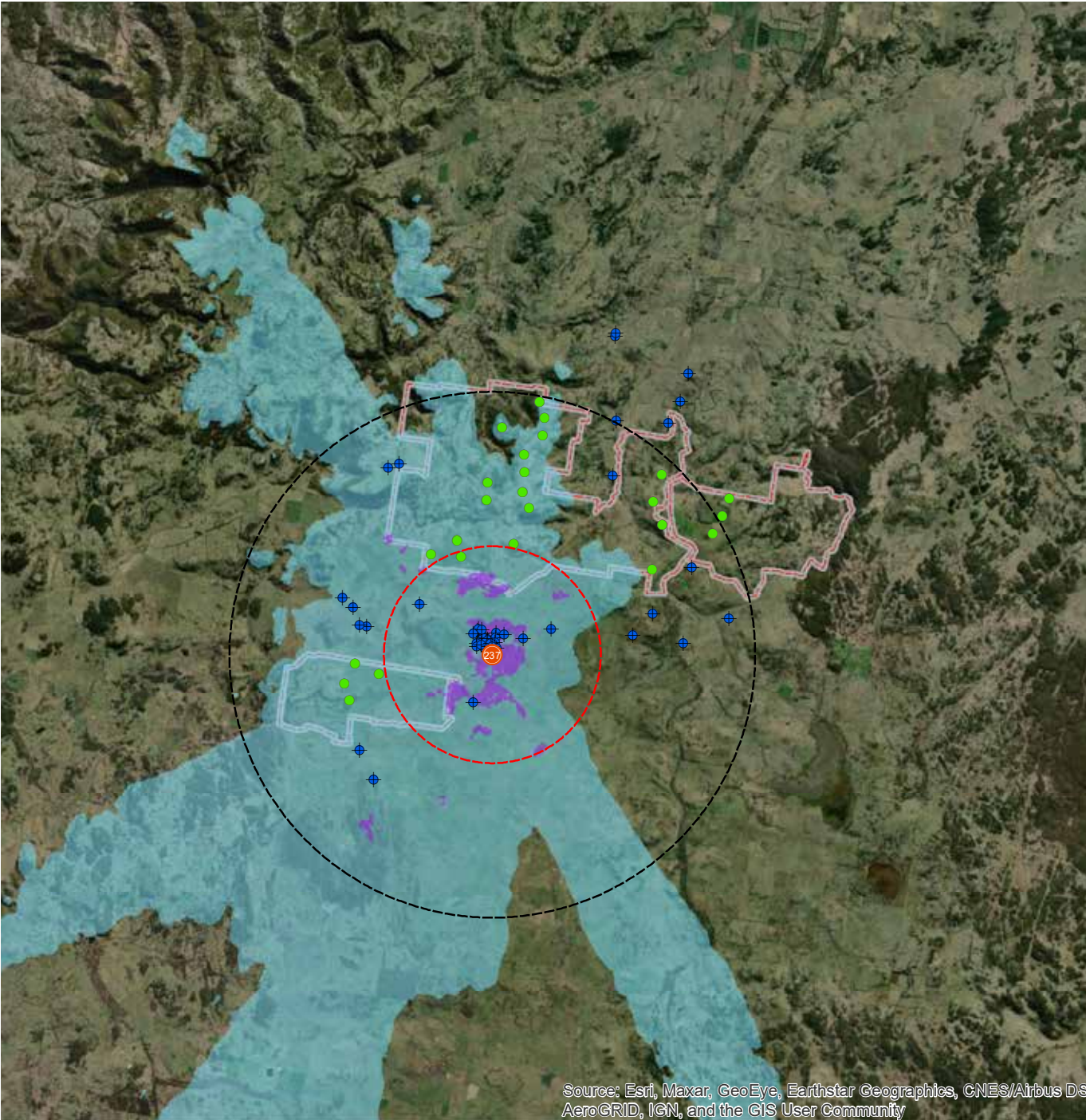


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



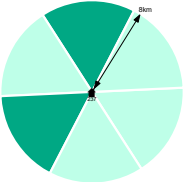
Viewpoint location: Property 237



Ground level viewshed represents the current land theoretically visible.

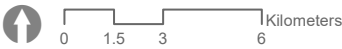
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

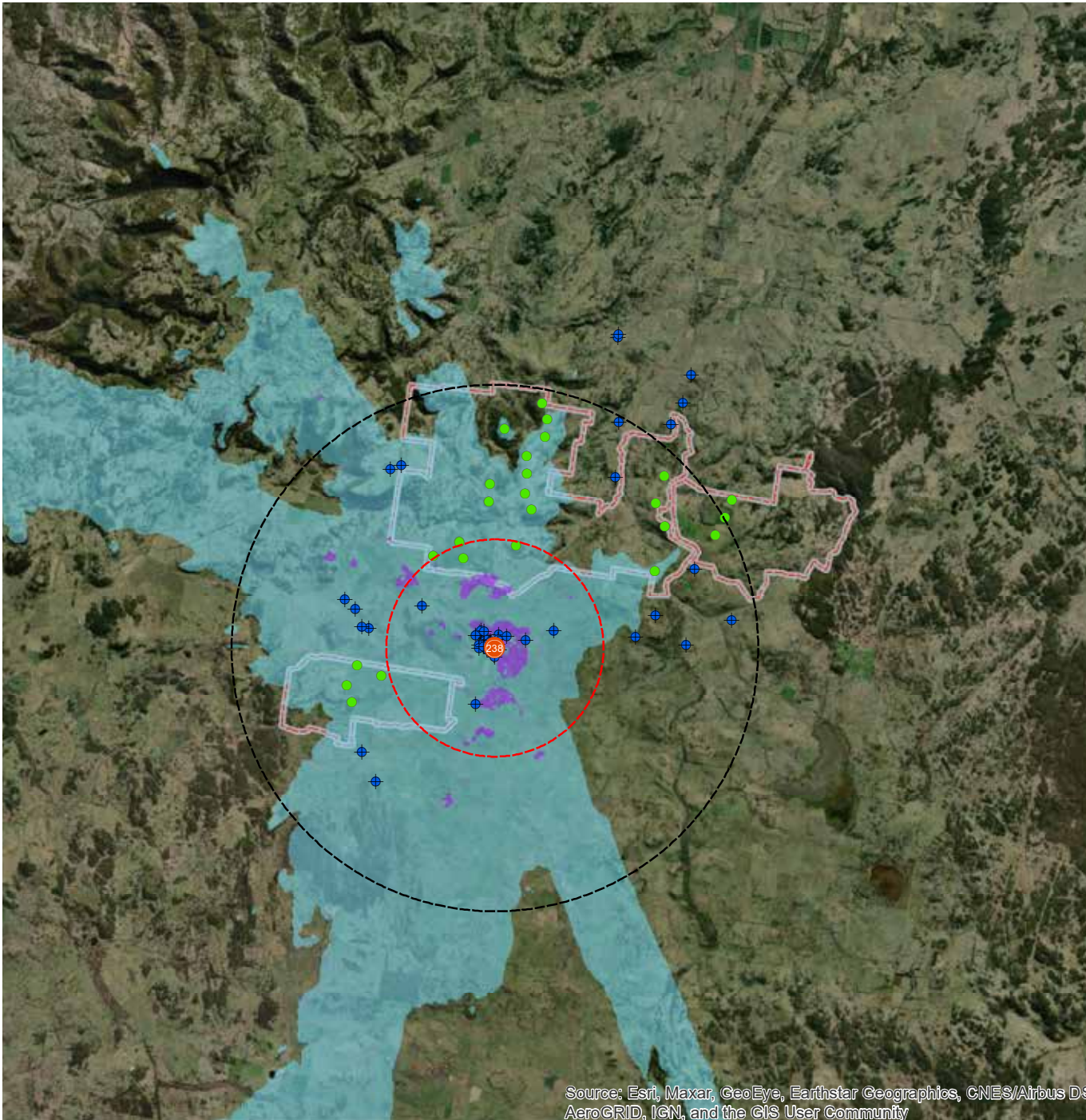
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





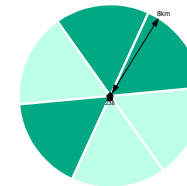
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 238

Ground level viewshed represents the current land theoretically visible.

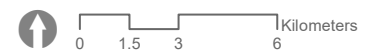
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.

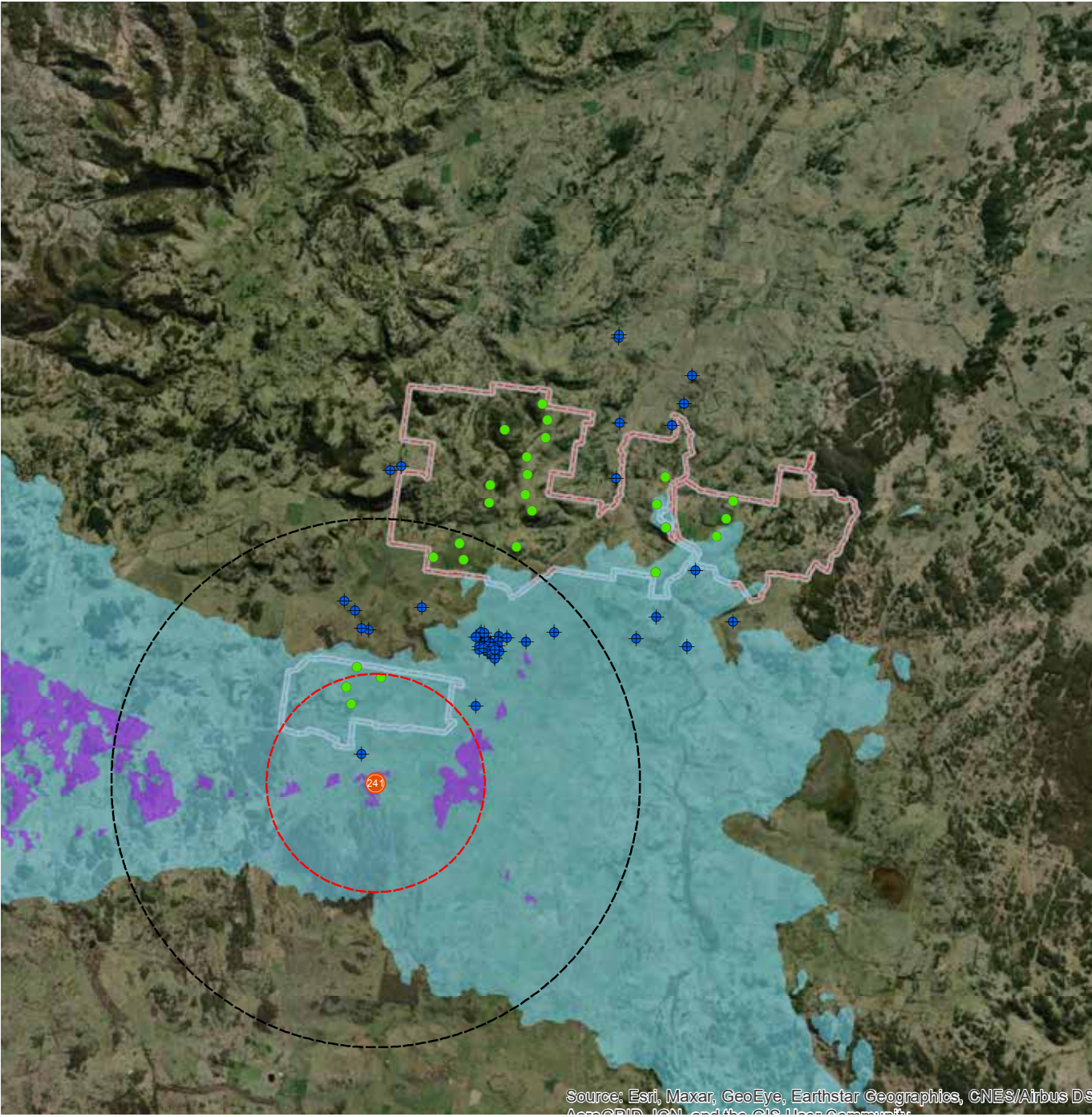


Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



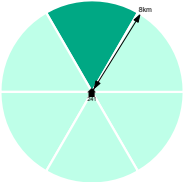
Viewpoint location: Property 241



Ground level viewshed represents the current land theoretically visible.

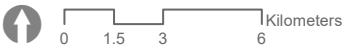
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

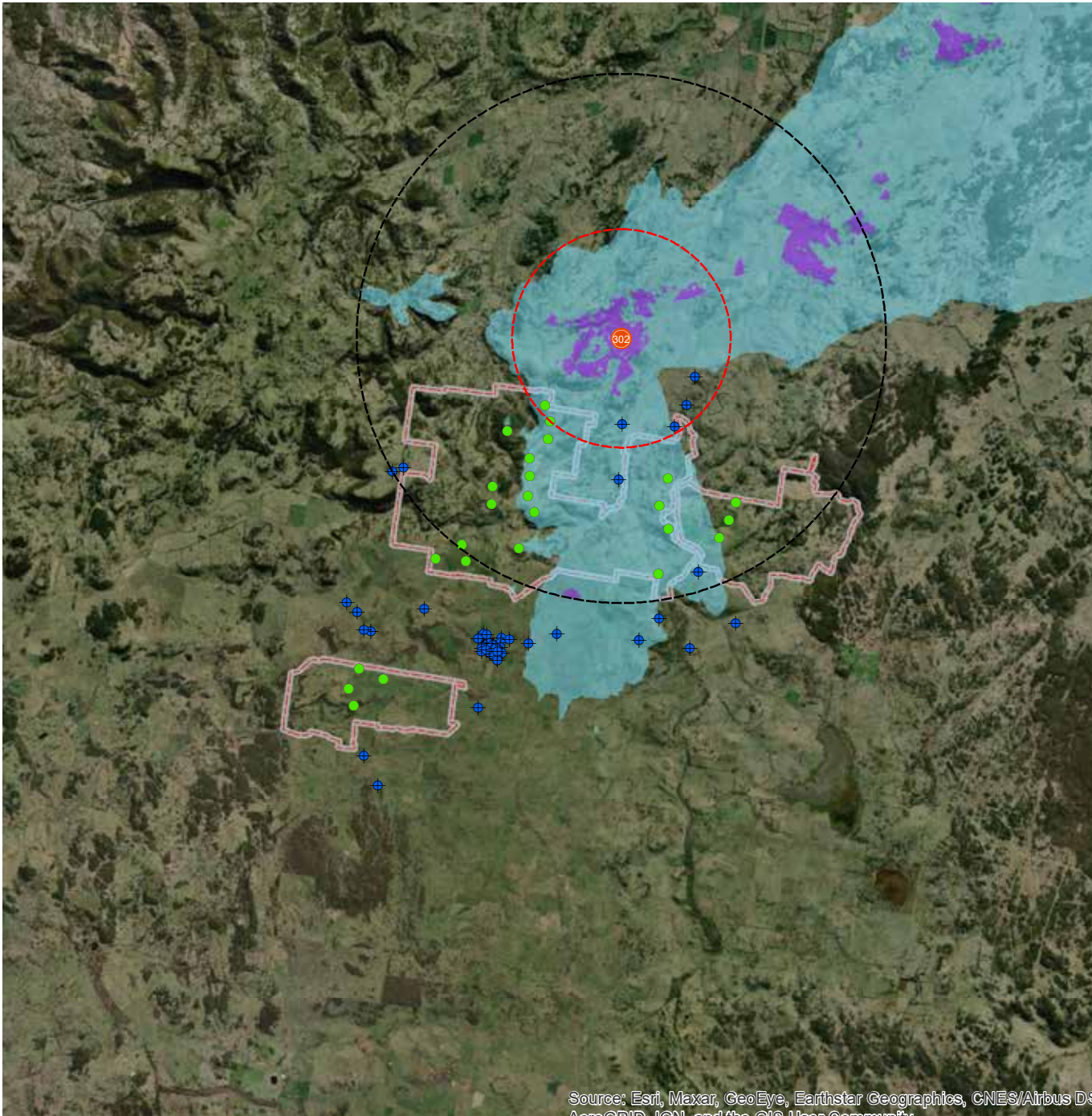
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary





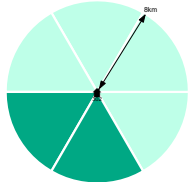
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, AeroGRID, IGN, and the GIS User Community

Viewpoint location: Property 302

Ground level viewshed represents the current land theoretically visible.

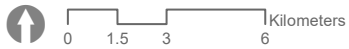
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

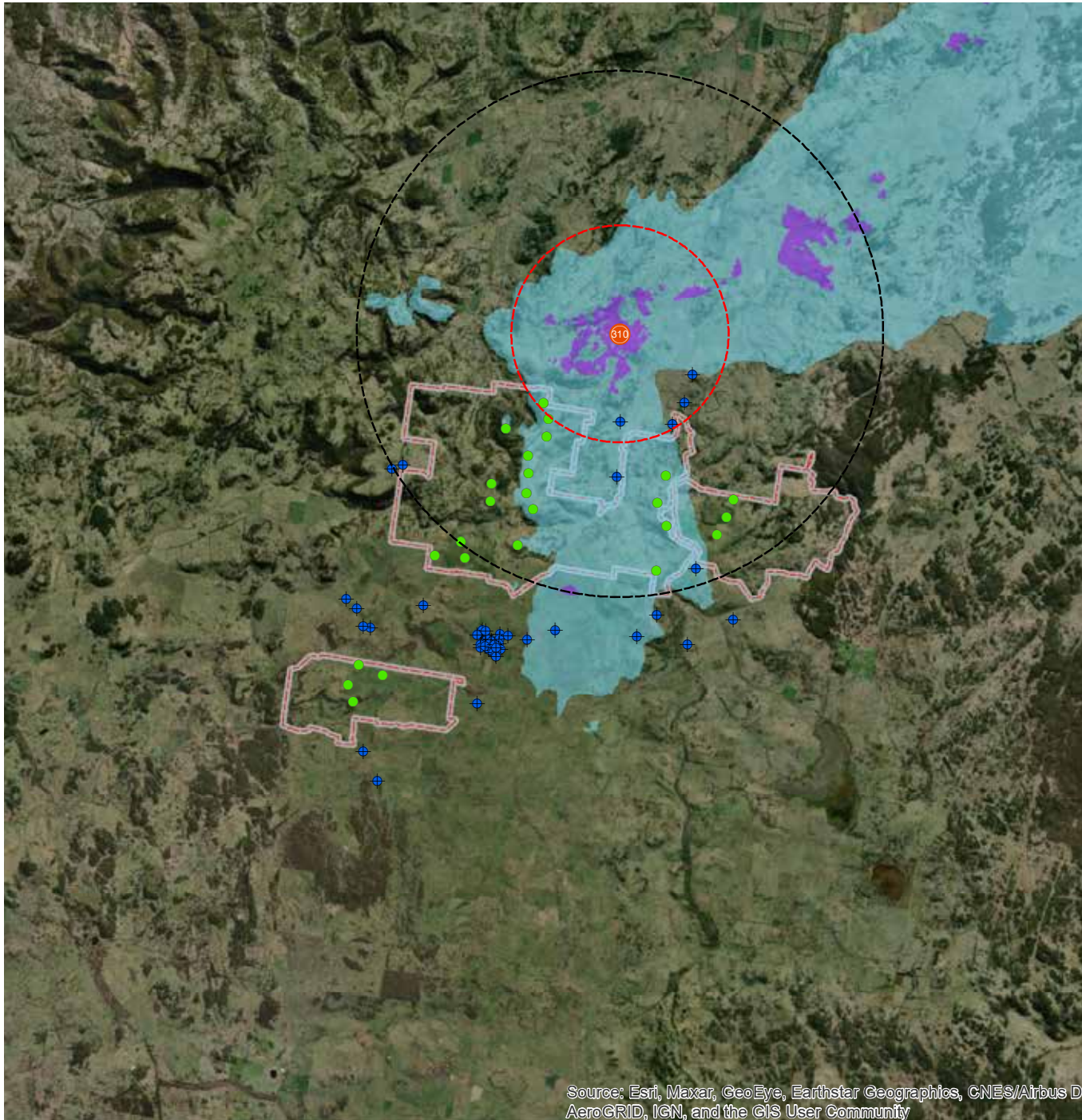
60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- ◆ Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



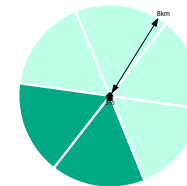


Viewpoint location: Property 310

Ground level viewshed represents the current land theoretically visible.

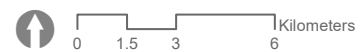
Above ground level viewshed represents the land where a 250m tall turbine could theoretically be visible from the representative viewpoint.

60 degree sectors in which wind turbines are within 8km distance and potentially visible from the representative viewpoint.



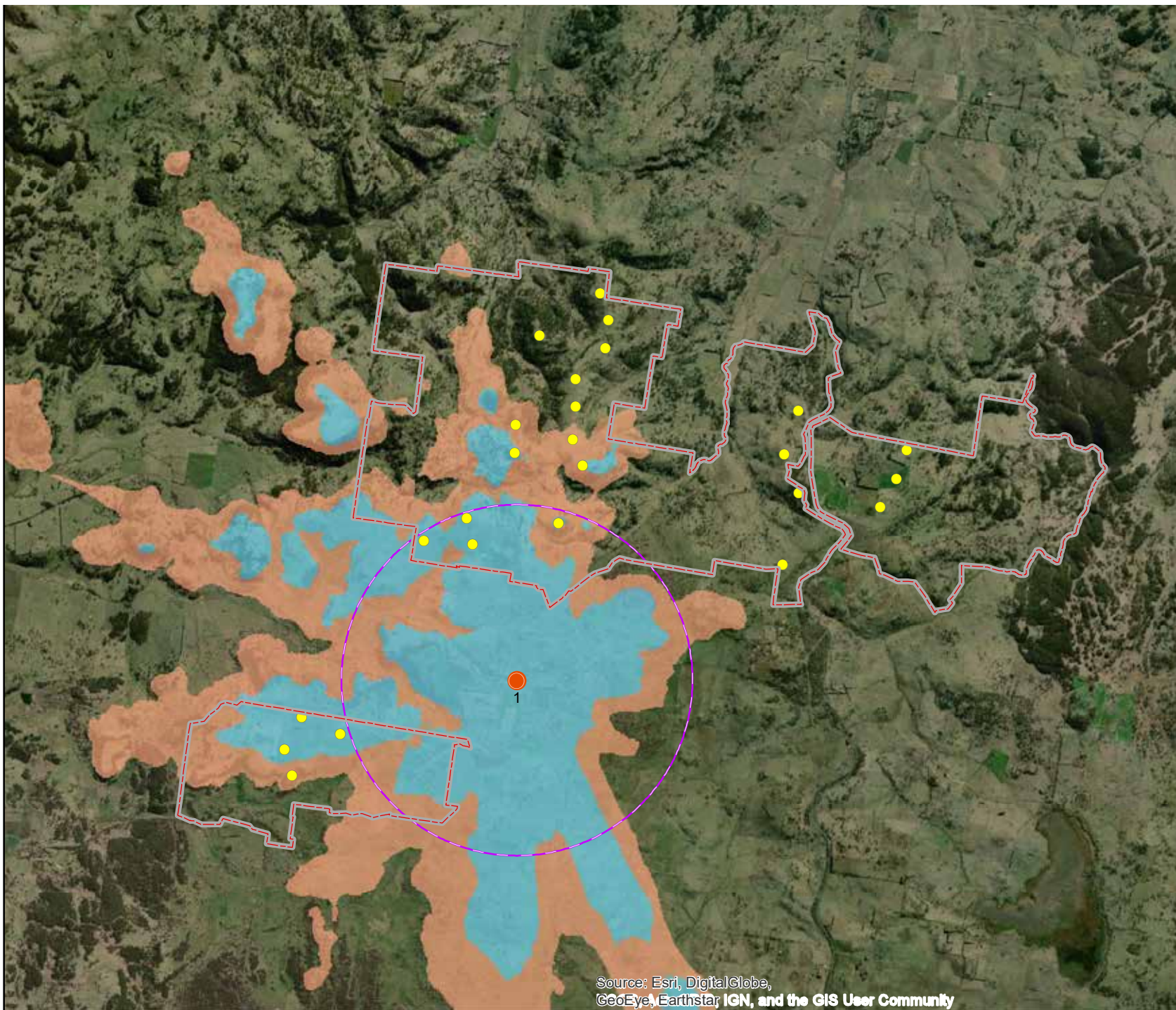
Legend

- Viewpoints
- 8km Buffer
- 3.3km Buffer
- Wind turbine location
- Dwellings within 3.3km of a turbine
- Ground level viewshed
- Turbine viewshed
- Project area boundary



Appendix B

Representative viewpoint turbine visibility extent



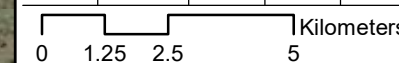
Source: Esri, DigitalGlobe, GeoEye, Earthstar, IGN, and the GIS User Community

Legend

- Representative viewpoints
- Project area boundary
- Wind turbine location (250m)
- 3.3km buffer
- Turbine cumulative viewsheds**
- Full blade visible
- Visible from hub upwards

D1	15/06/2020	DH	NL	CM
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Issue	Date	By	Chkd	Appd
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ARUP

Level 4, 108 Wickham Street
Fortitude Valley, QLD 4006
Tel +61 (7)3023 6000 Fax +61 (7)3023 6023
www.arup.com



Client
Environmental Property Services

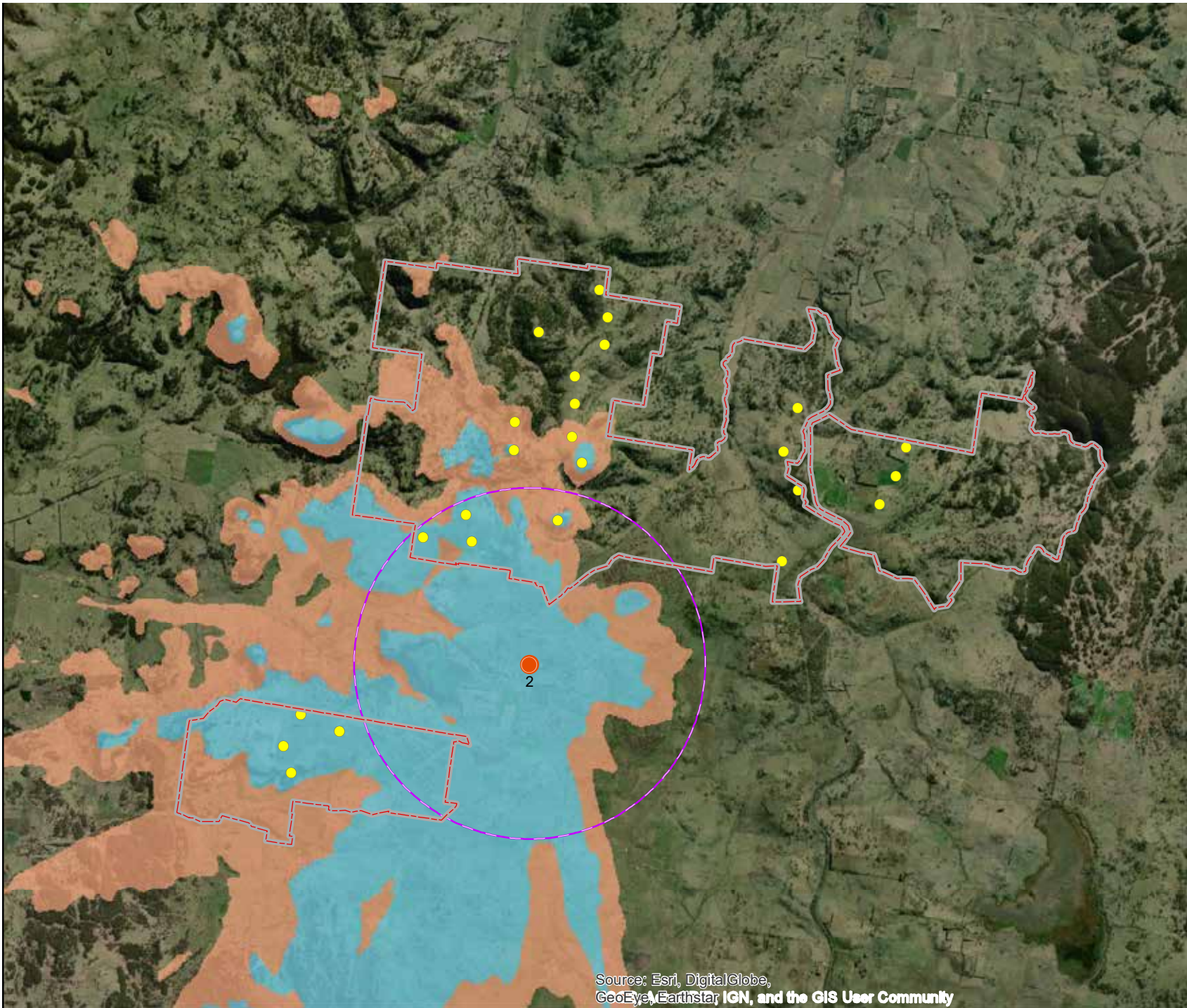
Job Title
Rangoon Wind Farm

Figure Title
**Blade Visibility Assessment
Viewpoint 1**

Scale at A4 1:150,000	Figure Status Draft
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Coordinate System
GDA 1994 MGA Zone 56

Job No 2748872-00	Figure No XXX001
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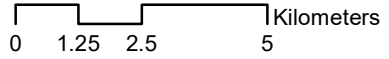


Source: Esri, DigitalGlobe, GeoEye, Earthstar, IGN, and the GIS User Community

Legend

- Representative viewpoints
 - Project area boundary (250m)
 - Wind turbine location (250m)
 - 3.3km buffer
- Turbine visibility**
- Full blade visible
 - Visible from hub upwards

D1	15/06/2020	DH	NL	CM
Issue	Date	By	Chkd	Appd



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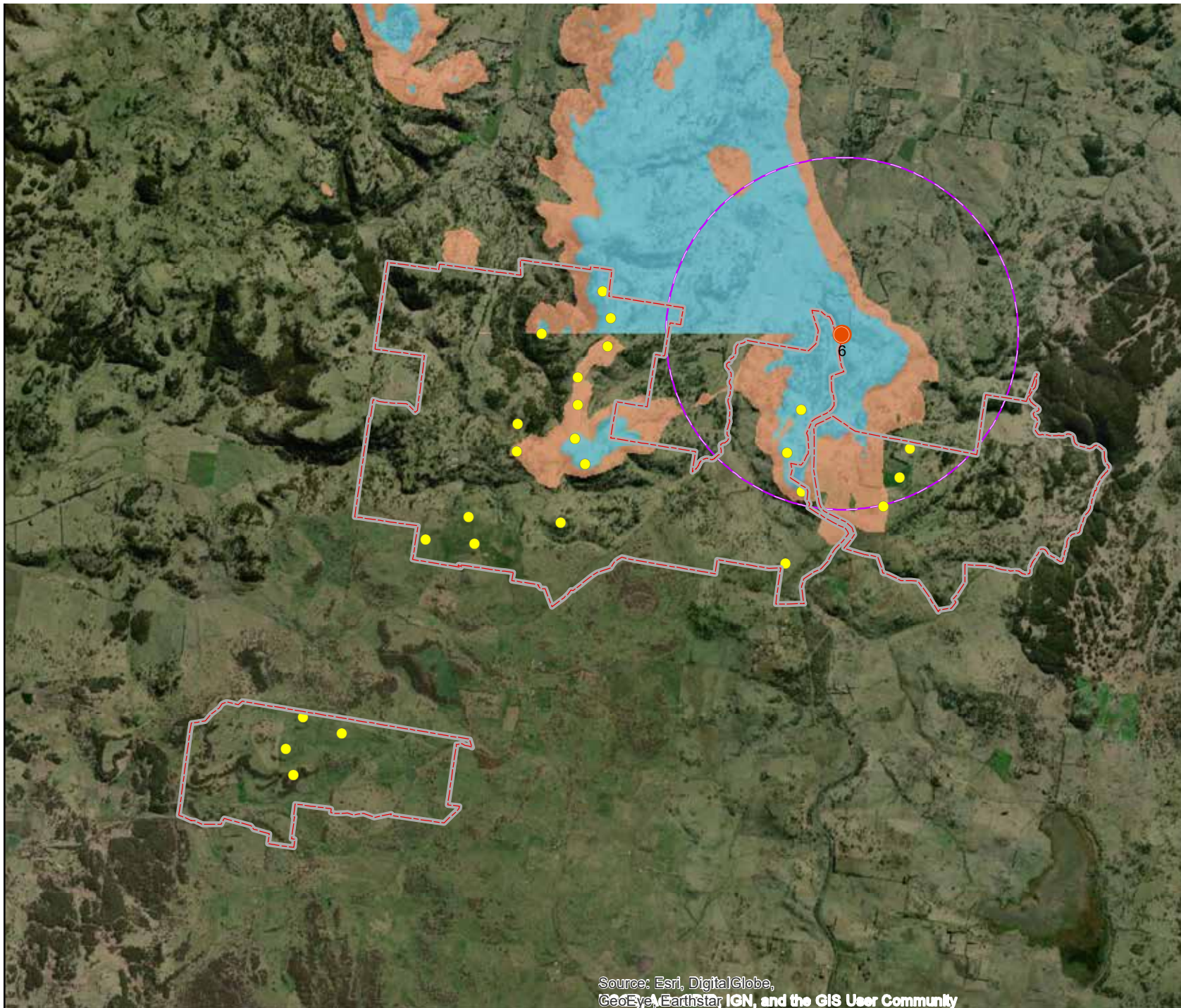
Job Title
Rangoon Wind Farm

Figure Title
Blade Visibility Assessment Viewpoint 2

Scale at A4 1:150,000	Figure Status Draft
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Coordinate System
GDA 1994 MGA Zone 56

Job No 2748872-00	Figure No XXX001
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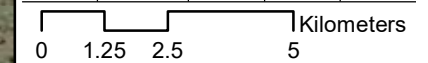
Sources: Esri, DigitalGlobe, GeoEye, Earthstar, IGN, and the GIS User Community

Legend

- Representative viewpoints
 - Project area boundary
 - Wind turbine location (250m)
 - 3.3km buffer
- Turbine visibility**
- Full blade visible
 - Visible from hub upwards

D1	15/06/2020	DH	NL	CM
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Issue	Date	By	Chkd	Appd
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Client
Environmental Property Services

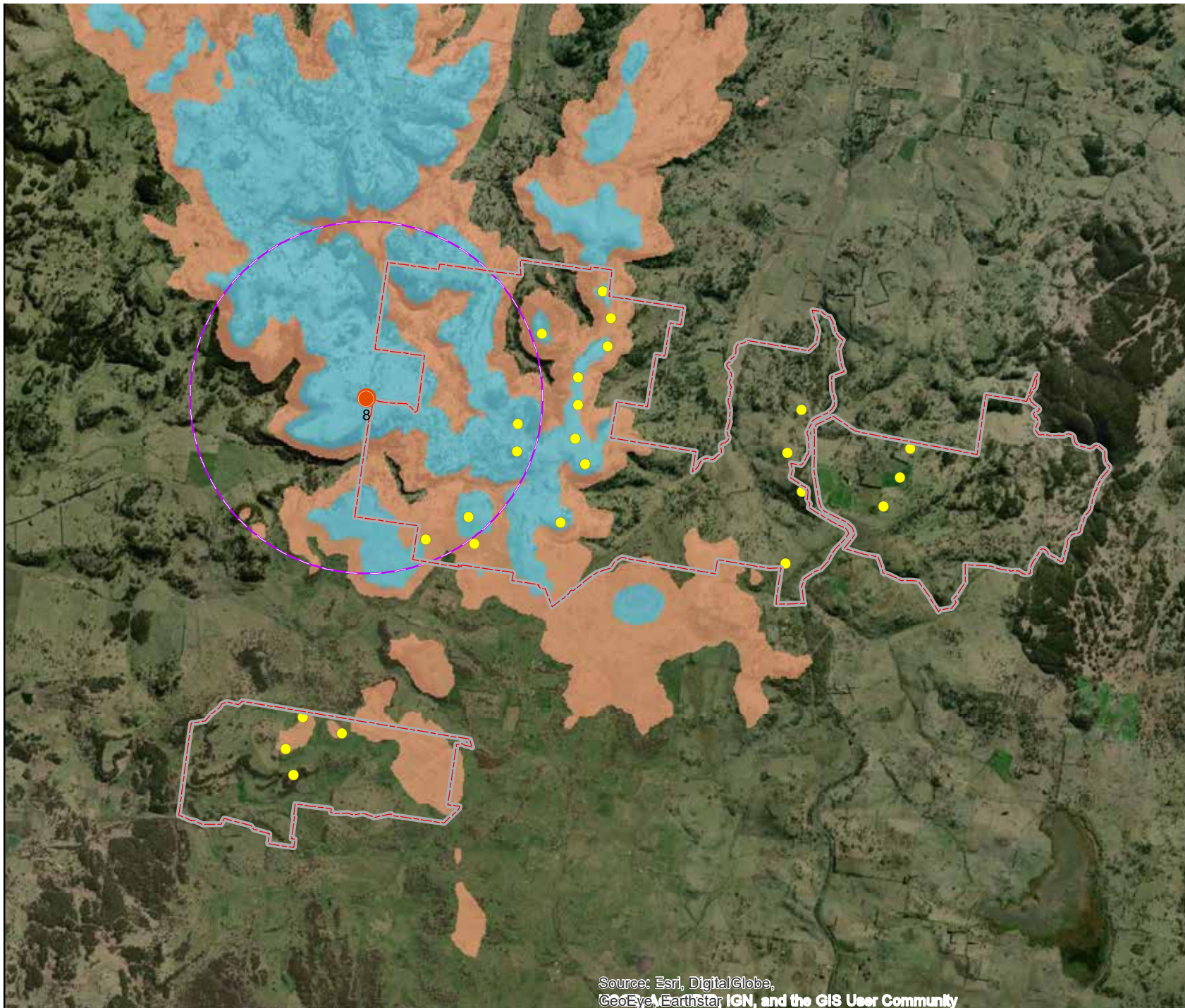
Job Title
Rangoon Wind Farm

Figure Title
Blade Visibility Assessment Viewpoint 6

Scale at A4 1:150,000	Figure Status Draft
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Coordinate System
GDA 1994 MGA Zone 56

Job No 2748872-00	Figure No XXX001
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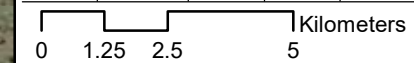
Source: Esri, DigitalGlobe, GeoEye, Earthstar, IGN, and the GIS User Community

Legend

- Representative viewpoints
 - Project area boundary
 - Wind turbine location (250m)
 - 3.3km buffer
- Turbine visibility**
- Full blade visible
 - Visible from hub upwards

D1	15/06/2020	DH	NL	CM
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Issue	Date	By	Chkd	Appd
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Client
Environmental Property Services

Job Title
Rangoon Wind Farm

Figure Title
Blade Visibility Assessment Viewpoint 8

Scale at A4 1:150,000	Figure Status Draft
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Coordinate System
GDA 1994 MGA Zone 56

Job No 2748872-00	Figure No XXX001
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Appendix C

Cumulative analysis ZTVs

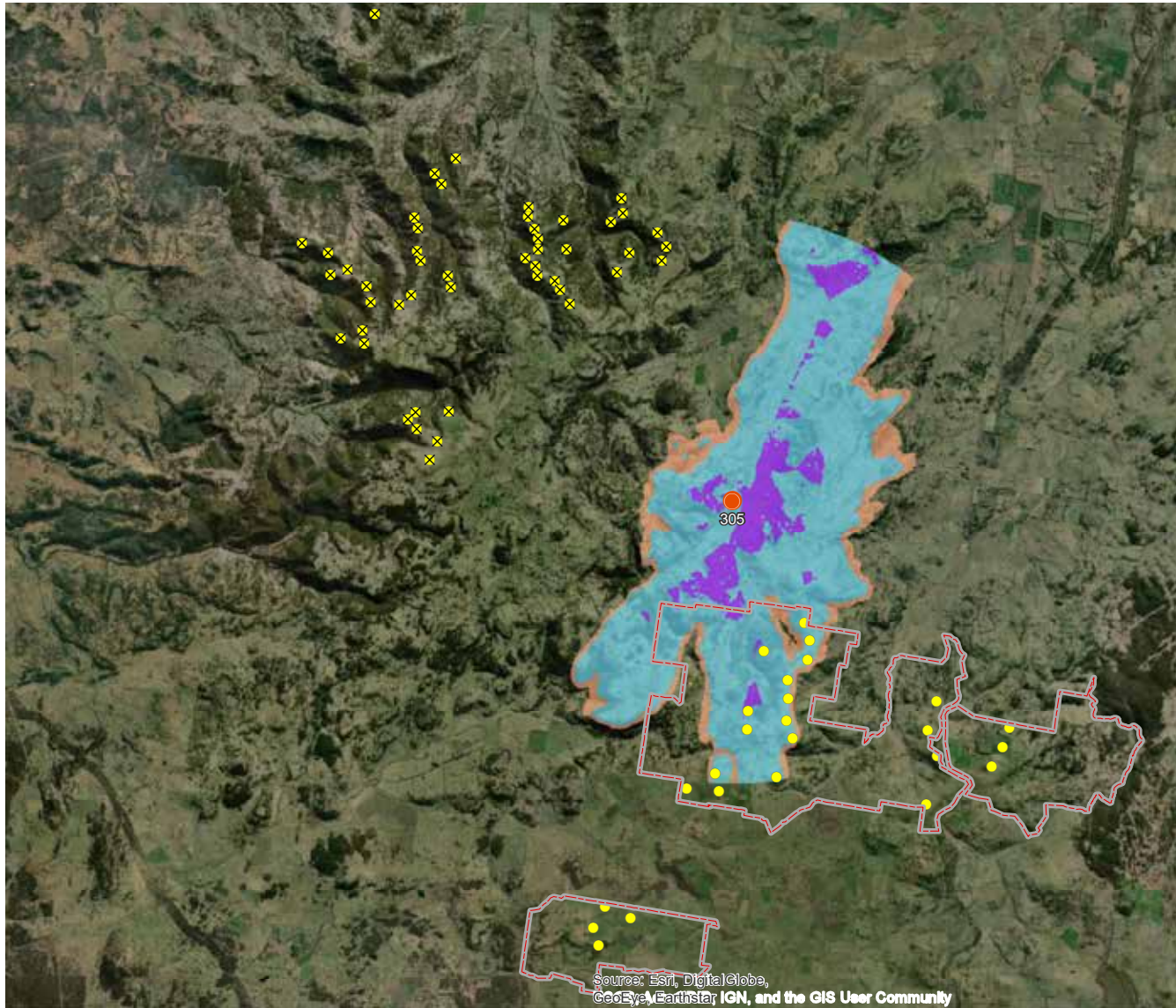


FIGURE 1.1

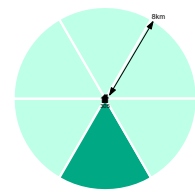
Cumulative analysis for Receptor 305

The viewpoint is located along the hilltops and has far reaching views into the surrounding area to the north, south and east.

Potential impacts

- White Rock stage 2 turbines are not likely to be viewed within 8km of this viewpoint.
- There is the potential to view 12 turbines within RWF North to the south of this viewpoint. Two of these turbines have the potential to view from the ground to the tip. The closest turbine will be approximately 4km distance away.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)AGL
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines

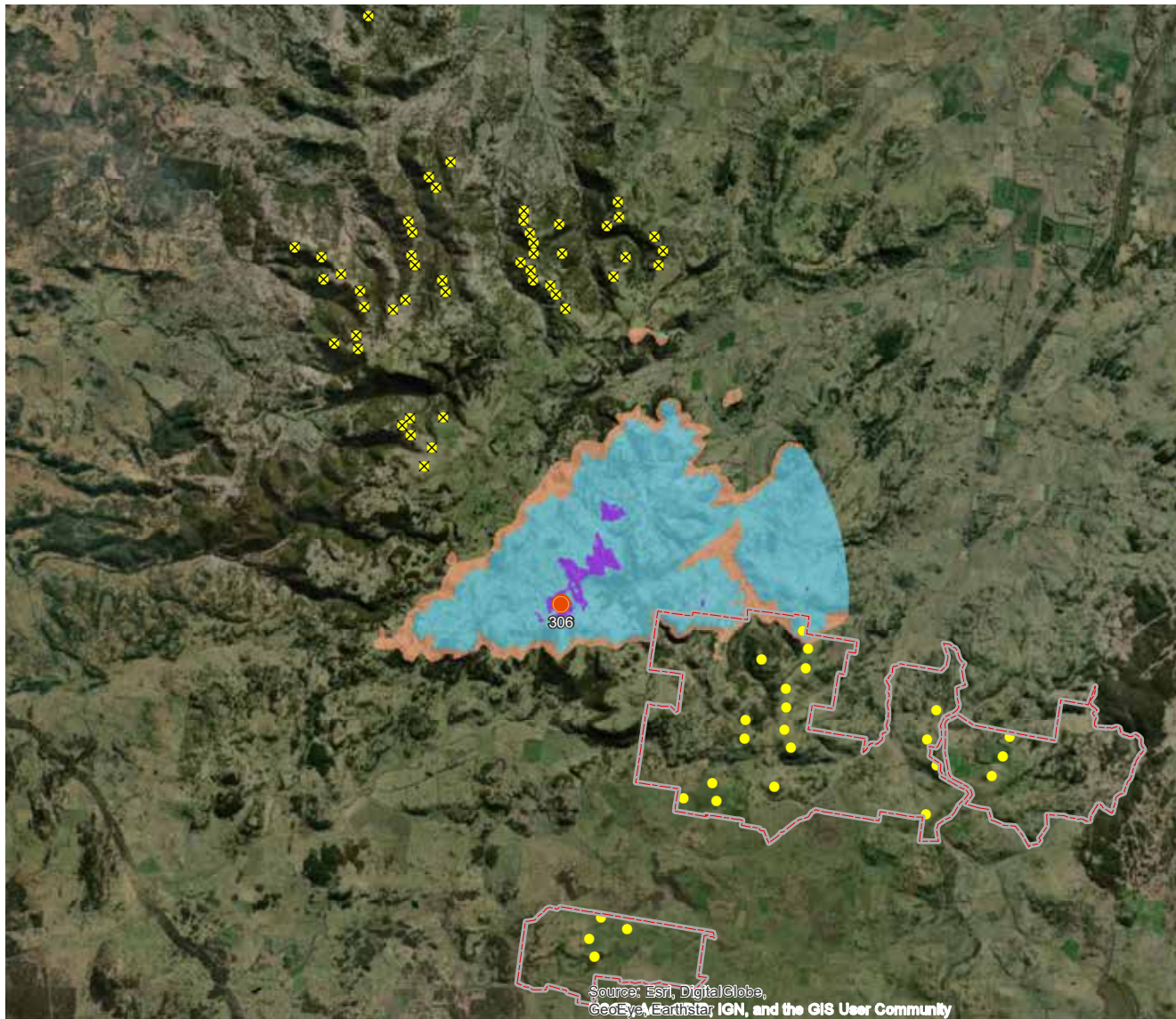


FIGURE 1.2

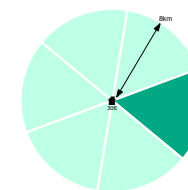
Cumulative analysis for Receptor 306

The viewpoint is located along the hilltops and has far reaching views into the surrounding area to the north, south and east.

Potential impacts

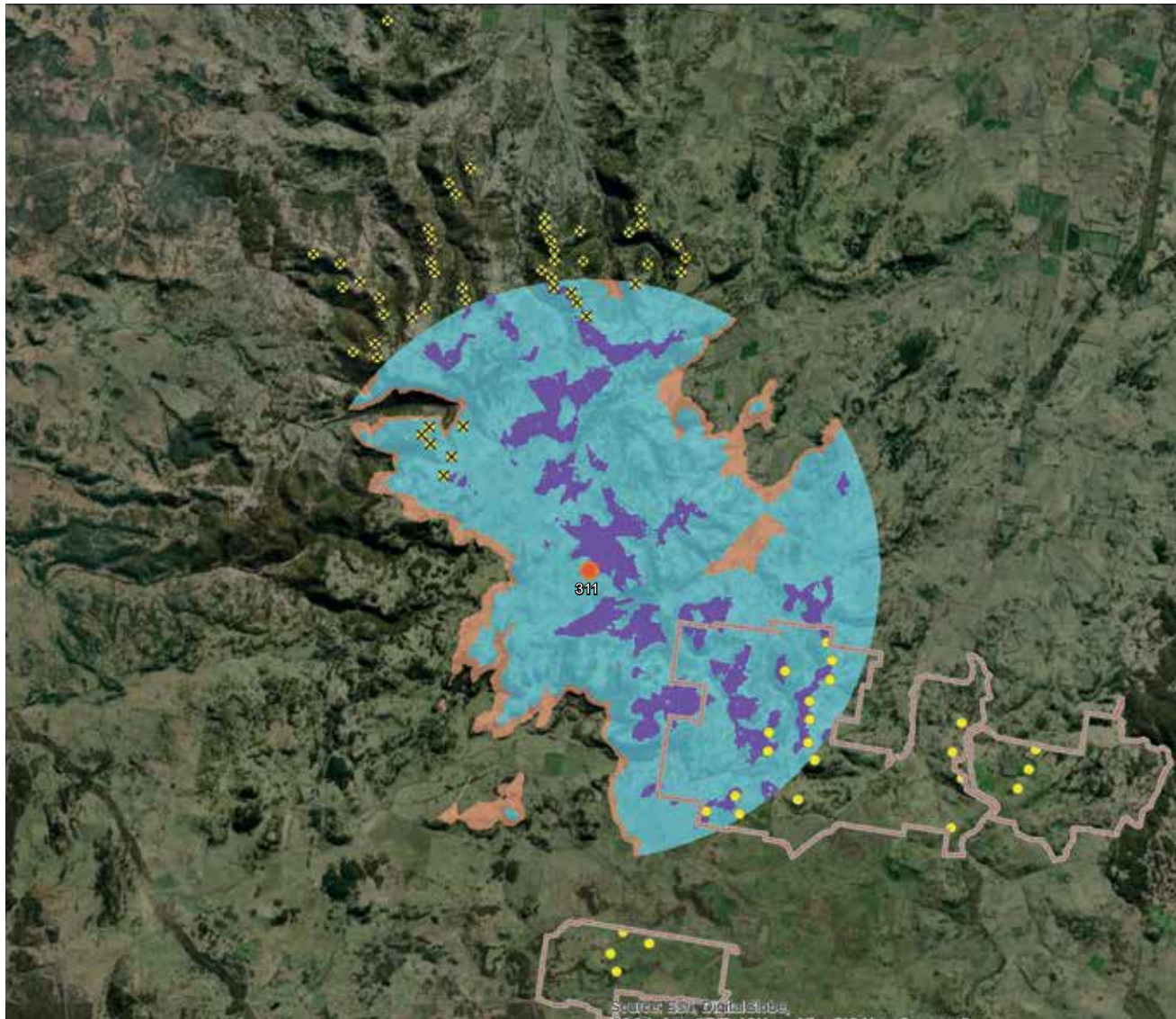
- White Rock stage 2 turbines are not likely to be viewed within 8km of this viewpoint.
- There is the potential to view one (1) turbine within RWF North to the east of this viewpoint. This turbine will be approximately 5.4km distance away.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
 - Wind turbine location (250m AGL)
 - ✕ White Rock turbine locations (200m AGL)
 - Dwellings within 8km of both wind farms
 - Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
 - 250m turbines



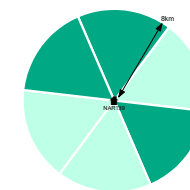
Cumulative analysis for Receptor 311

The viewpoint is located along the hilltops and has far reaching views into the surrounding area.

Potential impacts

- The ZTV mapping indicates five (5) turbines within 8km to the east and six (6) to the south of White Rock stage 2, are likely to be seen to the west and northwest of this viewpoint.
- There is the potential to view 13 turbines within 8km of RWF North to the southeast of this viewpoint. These turbines have the potential to be viewed from the ground to the tip of blades.

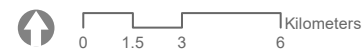
60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines

FIGURE 1.3



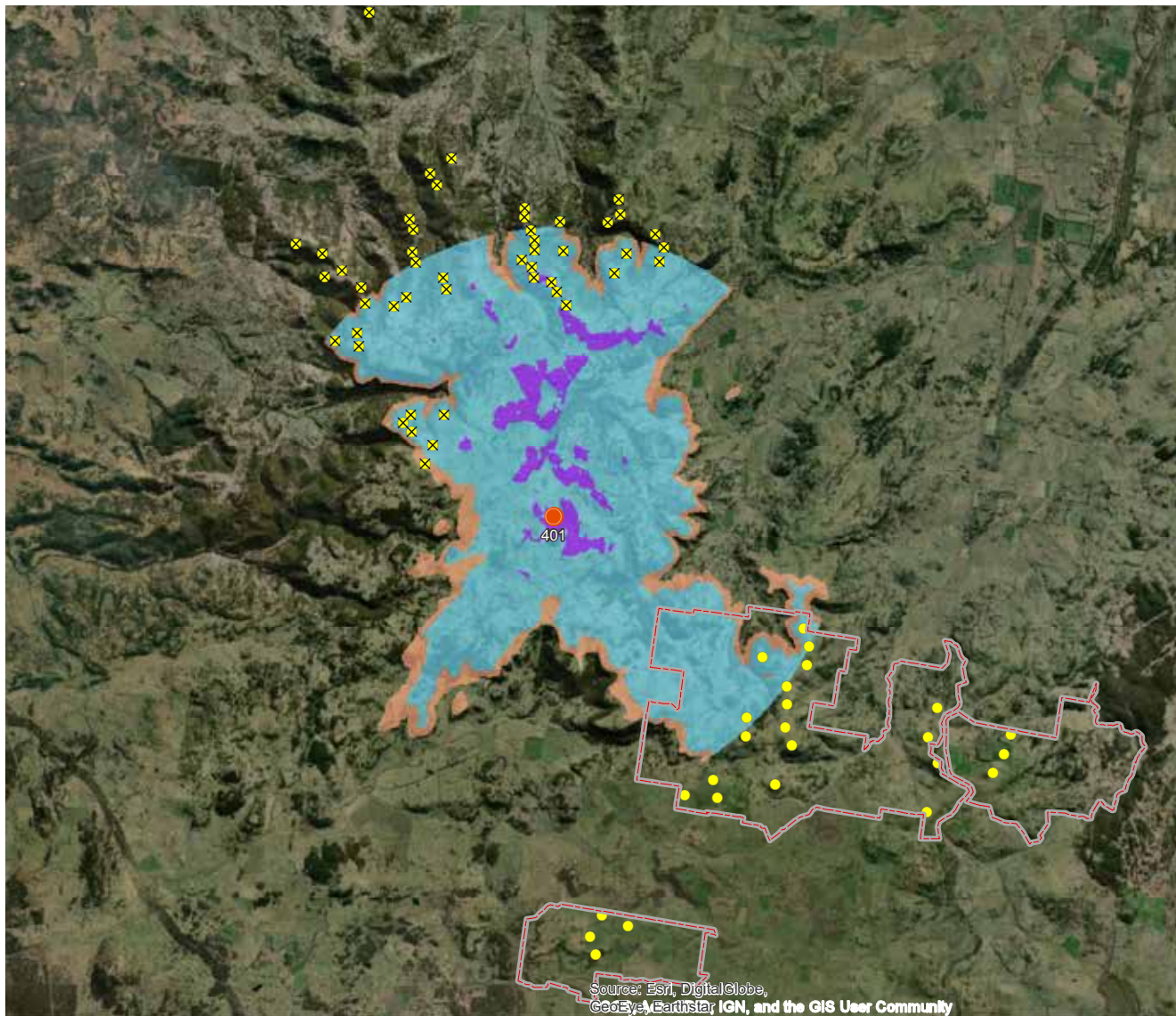


FIGURE 1.4

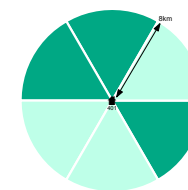
Cumulative analysis for Receptor 401

The viewpoint is located along the hilltops and has far reaching views into the surrounding area.

Potential impacts

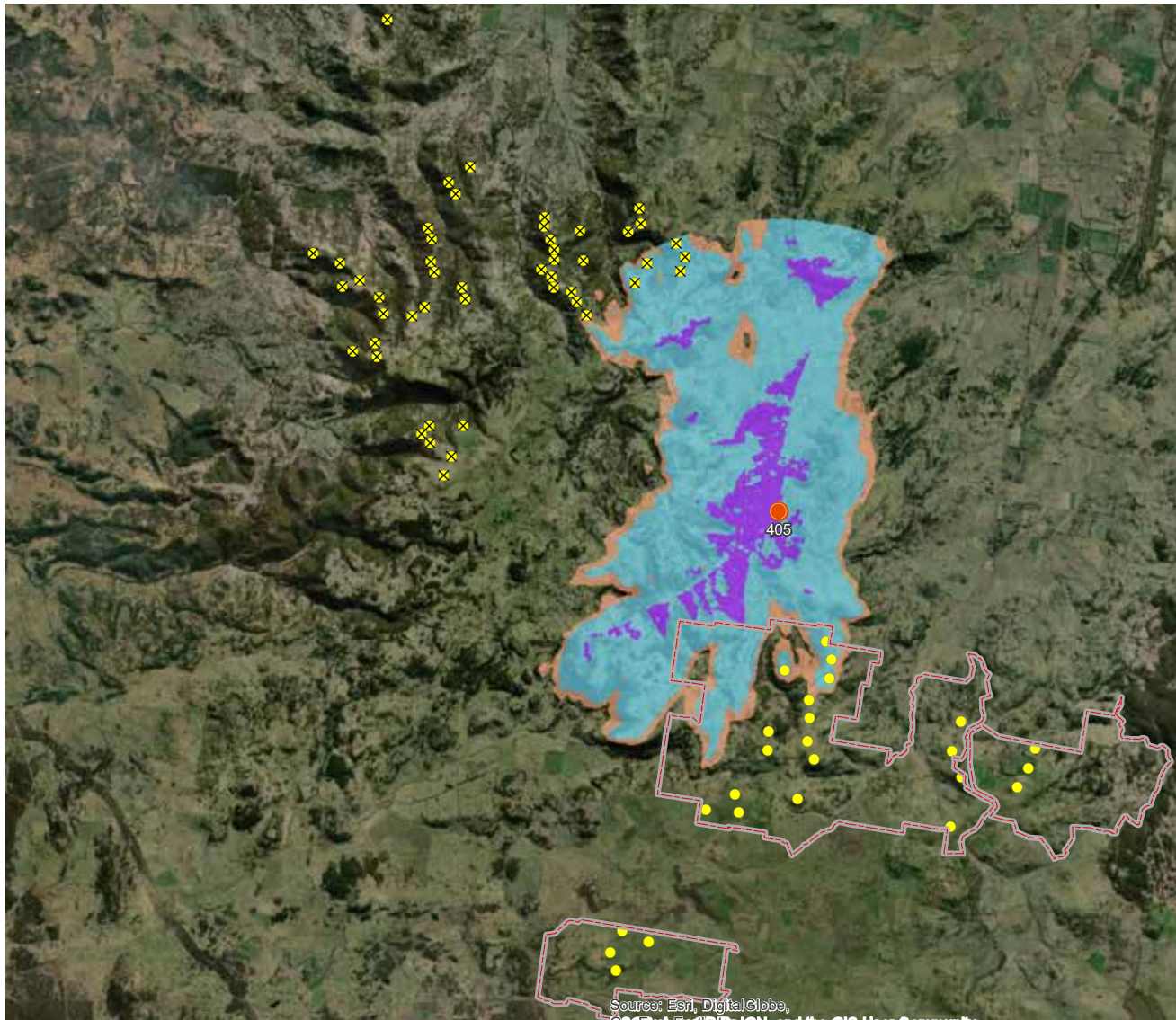
- Approximately 26 turbines are potentially visible within 8km of White Rock stage 2, to the north and northwest of this viewpoint.
- There is the potential to partially view five (5) turbines within 8km from RWF North, southeast of this viewpoint. The closest turbine will be approximately 3.8km distance away.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines



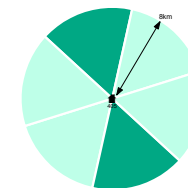
Cumulative analysis for Receptor 405

The viewpoint is located along the hilltops and has far reaching views into the surrounding area.

Potential impacts

- Approximately five (5) turbines are potentially visible within 8km of White Rock stage 2, to the northwest of this viewpoint.
- There is the potential to partially view four (4) turbines within 8km from RWF North, southeast of this viewpoint. The closest turbine will be approximately 3.8km distance away.

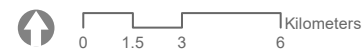
60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines

FIGURE 1.5



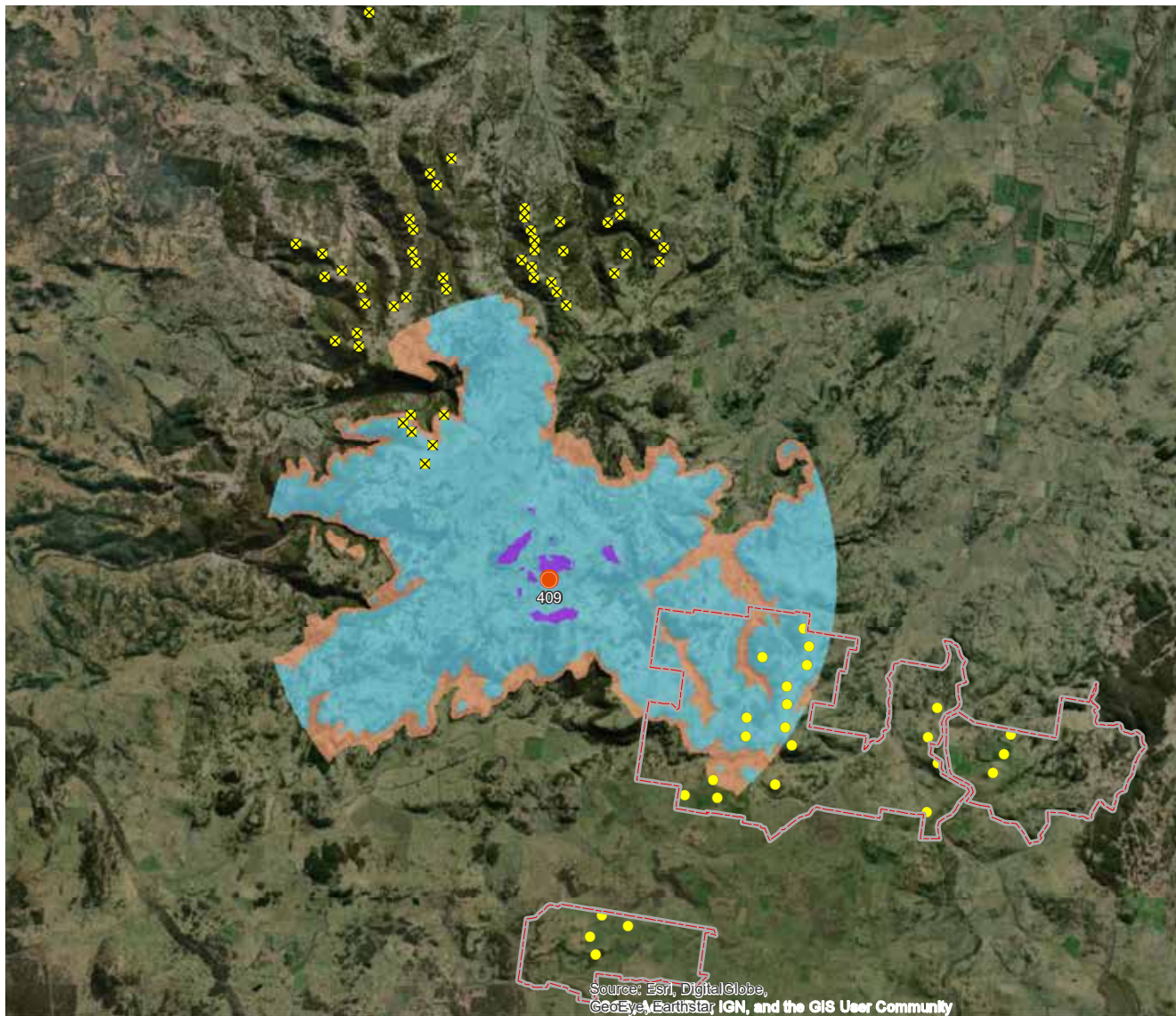
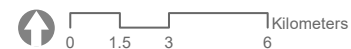


FIGURE 1.6



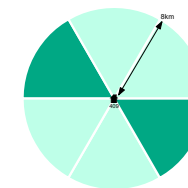
Cumulative analysis for Receptor 409

The viewpoint is located along the hilltops and has far reaching views into the surrounding area.

Potential impacts

- Approximately six (6) turbines are potentially visible within 8km of White Rock stage 2, to the northwest of this viewpoint.
- There is the potential to partially view 10 turbines within 8km from RWF North, southeast of this viewpoint. The closest turbine will be approximately 4.7km distance away.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines

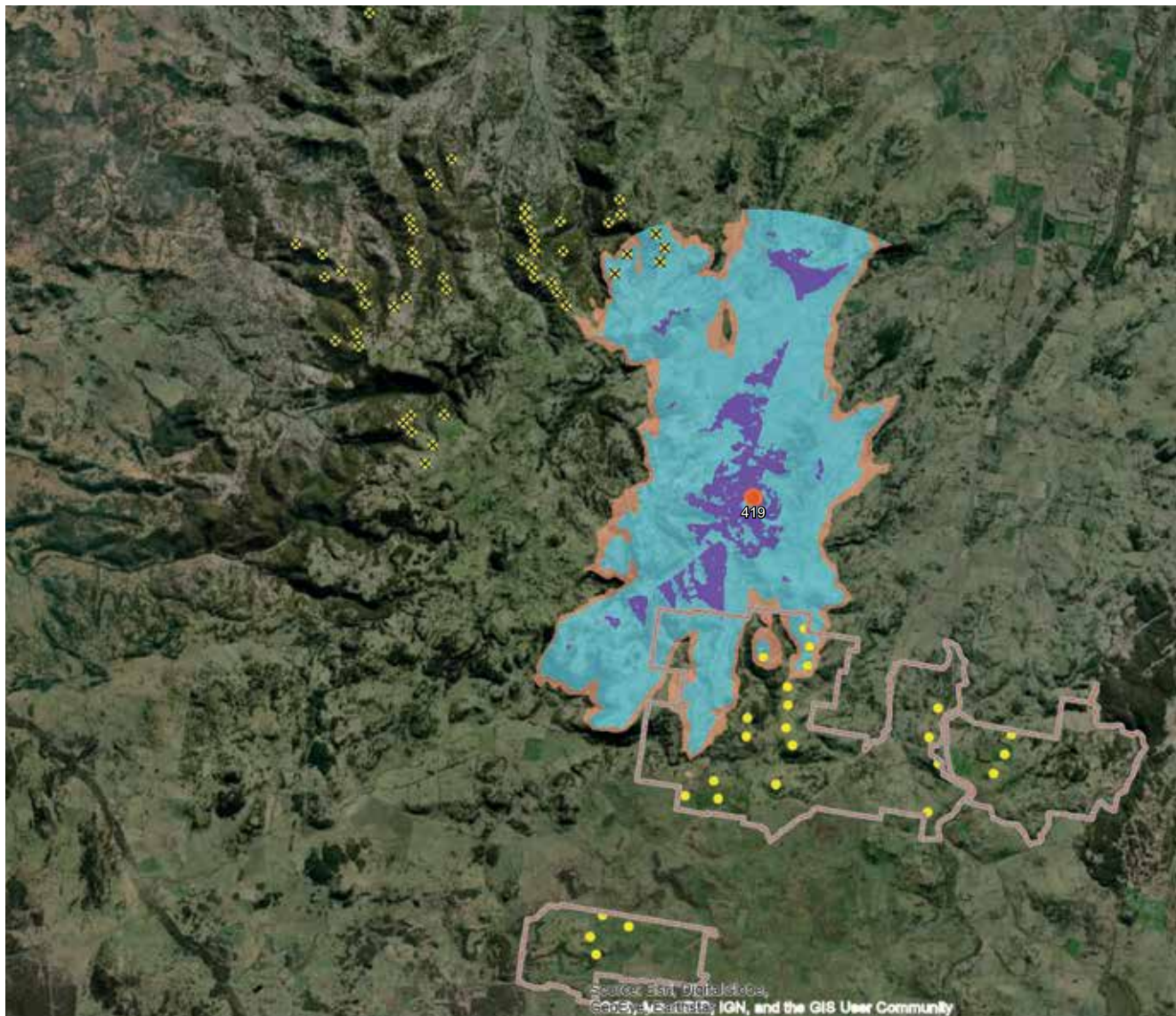
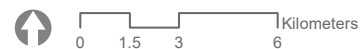


FIGURE 1.7



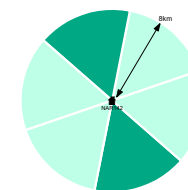
Cumulative analysis for Receptor 419

The viewpoint is located along the hilltops and has far reaching views to the north and south.

Potential impacts

- Approximately five (5) turbines within the east of White Rock stage 2, are likely to be seen to the northwest of this viewpoint.
- There is the potential to view four (4) turbines within RWF North to the south of this viewpoint.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines

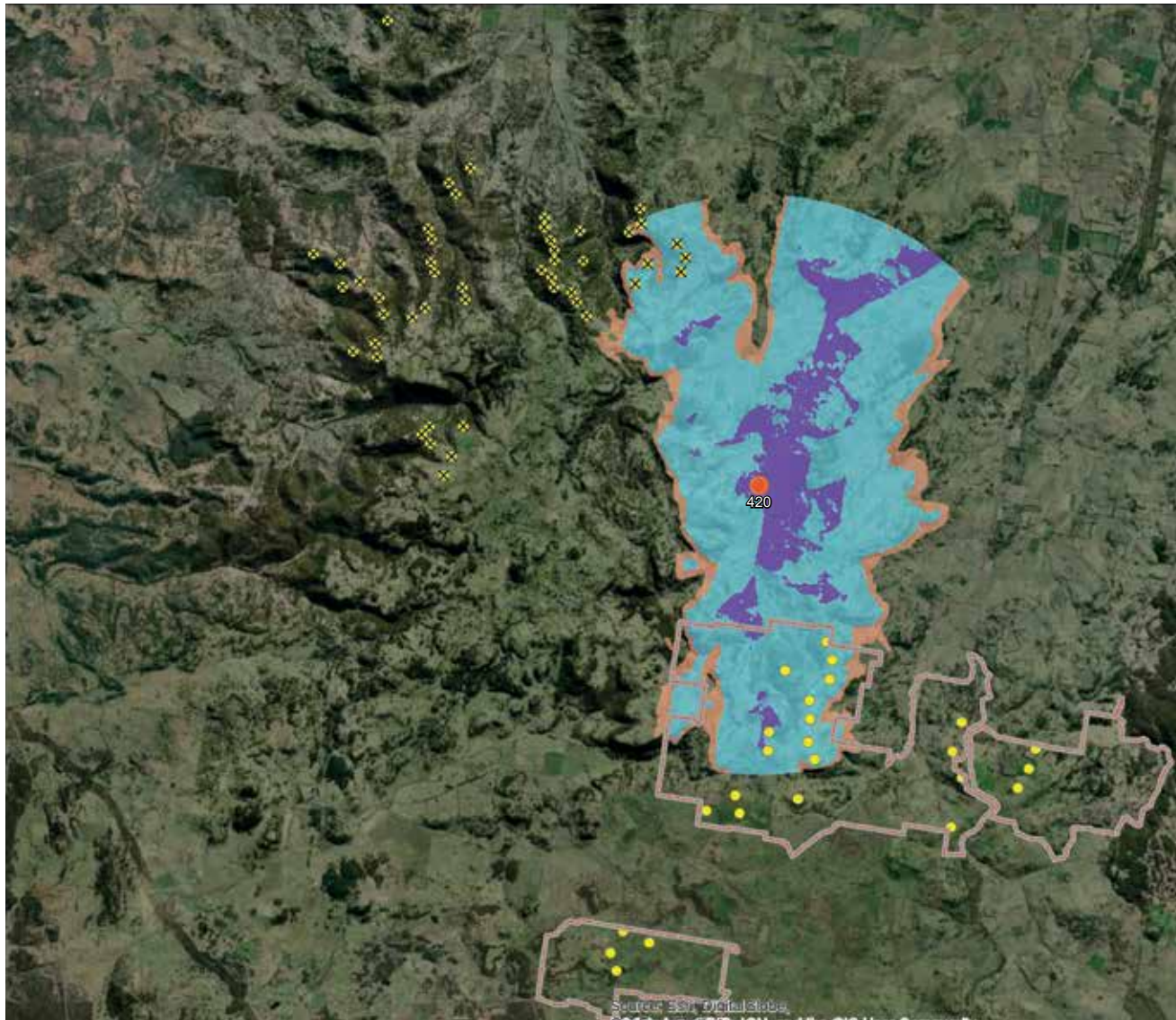


FIGURE 1.8

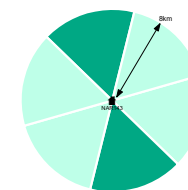
Cumulative analysis for Receptor 420

The viewpoint is located along the hilltops and has far reaching views into the surrounding area to the east and west.

Potential impacts

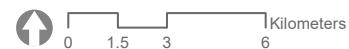
- The ZTV mapping indicates six (6) turbines within the southeast of White Rock stage 2, are likely to be seen to the northwest of this viewpoint.
- There is the potential to view 10 turbines within RWF North to the south of this viewpoint. Two of these turbines have the potential to be viewed from the ground to the tip of blades.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
 - Wind turbine location (250m)
 - ✕ White Rock turbine locations (200m AGL)
 - Dwellings within 8km of both wind farms
 - Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
 - 250m turbines



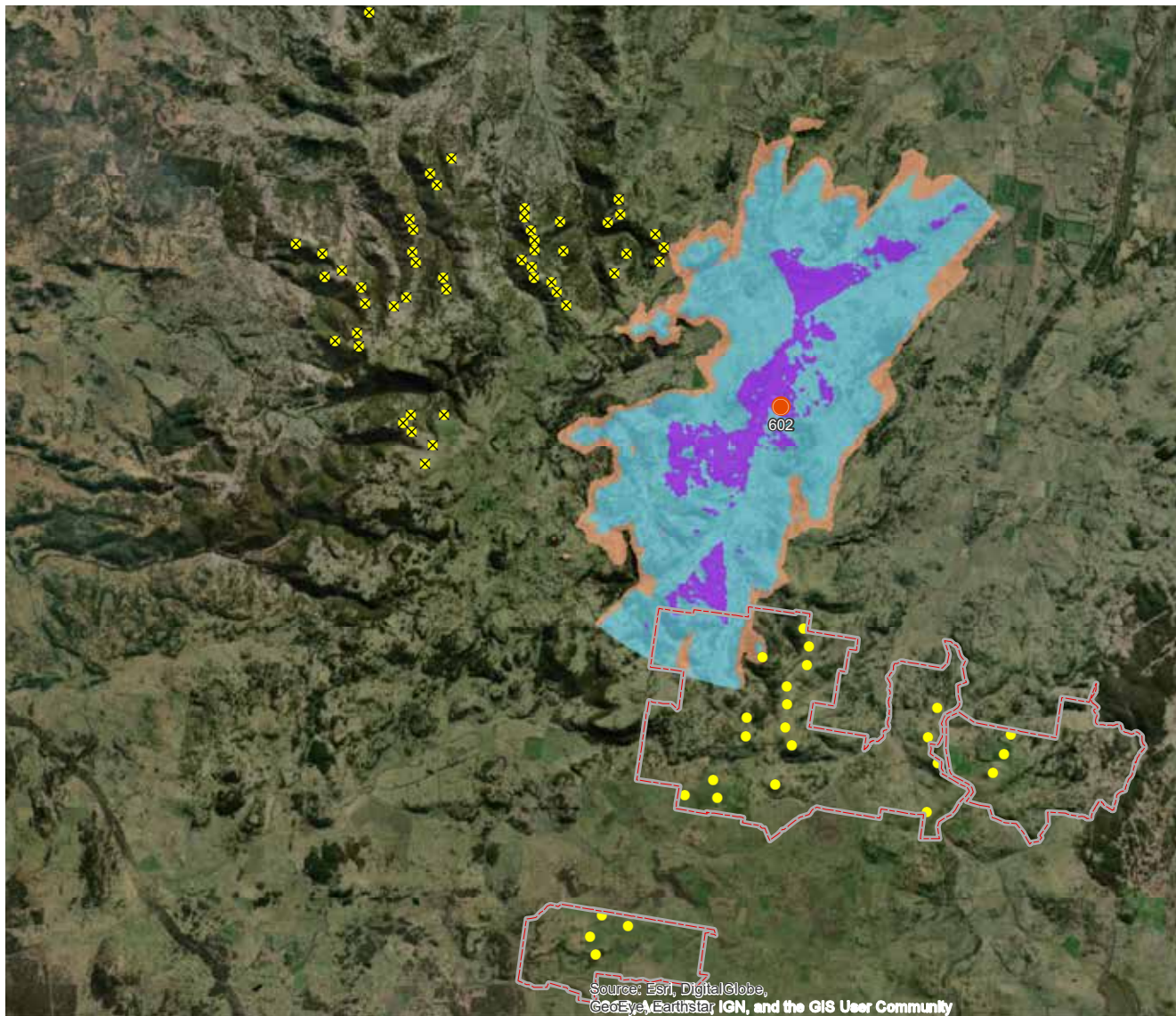


FIGURE 1.10

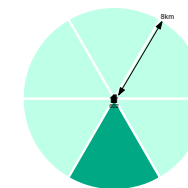
Cumulative analysis for Receptor 602

The viewpoint is located along the hilltops and has far reaching views to the surrounding area.

Potential impacts

- White Rock stage 2 turbines are not likely to be viewed within 8km of this viewpoint.
- There is the potential to view one (1) turbine within RWF North to the south of this viewpoint.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines

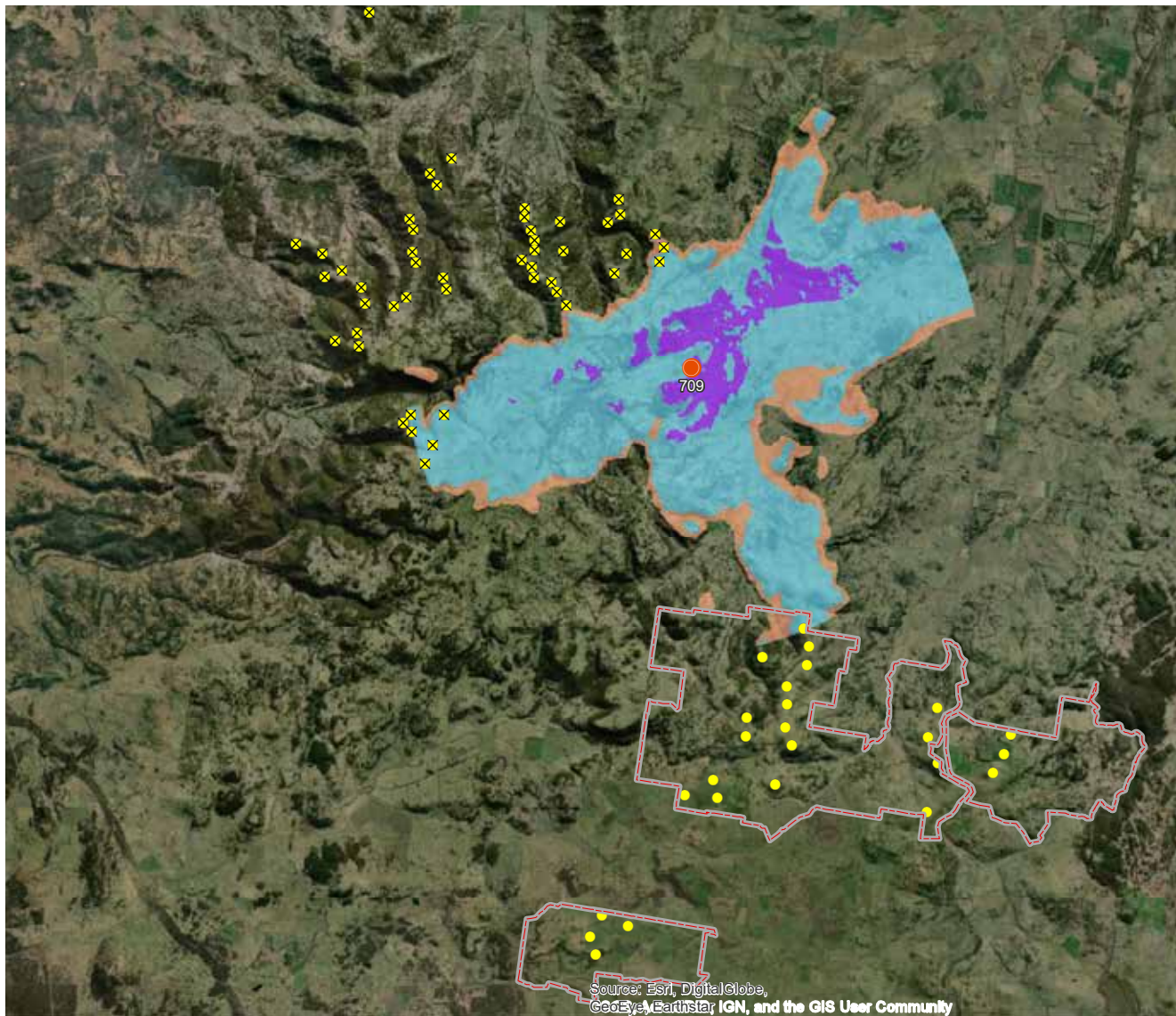


FIGURE 1.12

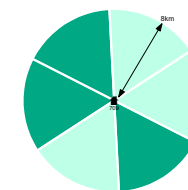
Cumulative analysis for Receptor 709

The viewpoint is located along the hilltops and has far reaching views to the north and south.

Potential impacts

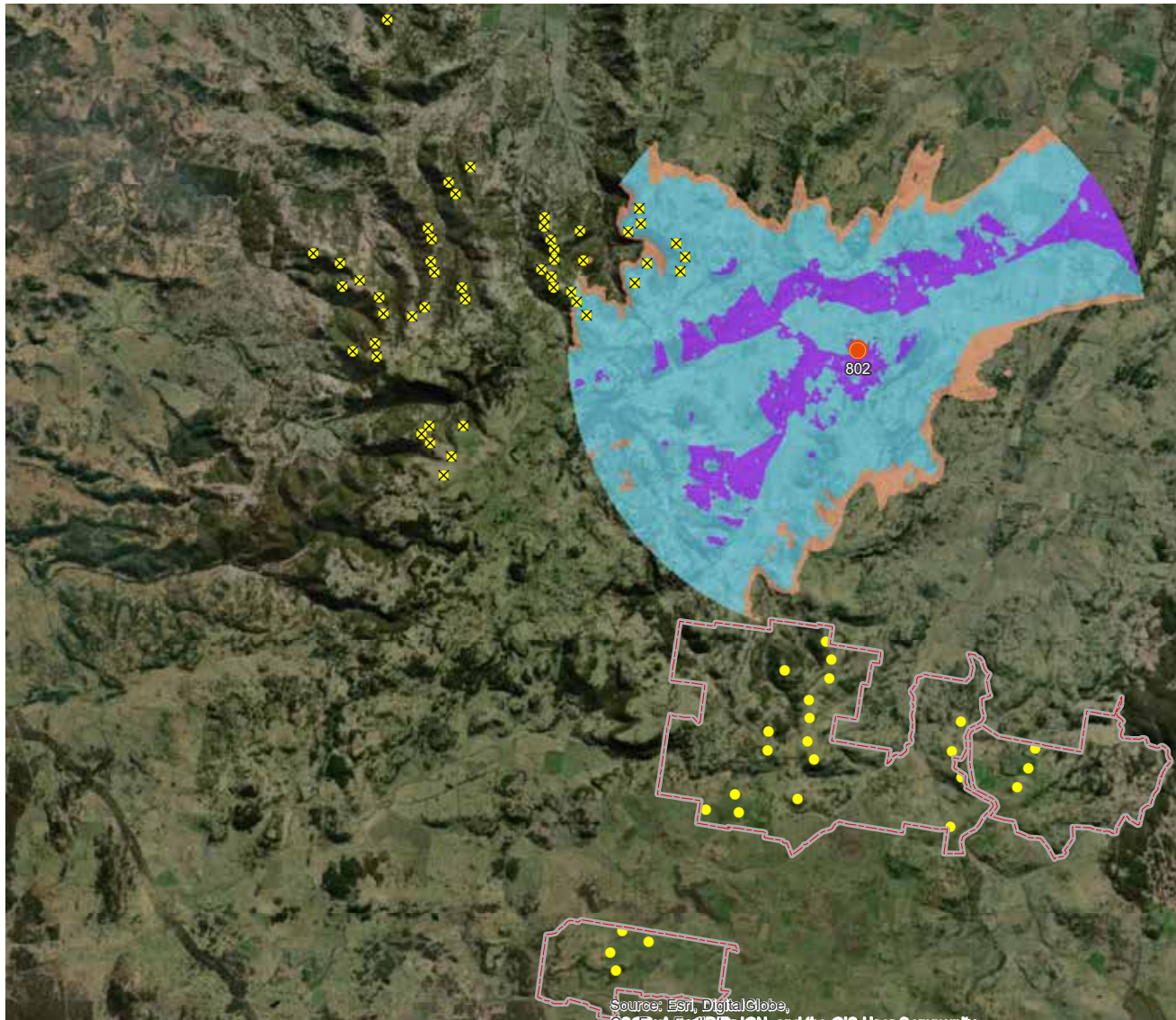
- Approximately six (6) turbines are potentially visible within 8km of White Rock stage 2, to the north and west of this viewpoint.
- There is the potential to view one (1) turbine within RWF North to the southeast of this viewpoint.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds
- 200m turbines
- 250m turbines



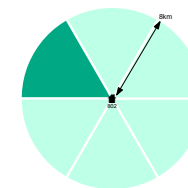
Cumulative analysis for Receptor 802

The viewpoint is located along the hilltops and has far reaching views into the surrounding area.

Potential impacts

- The ZTV mapping indicates visibility of 10 turbines within 8km of eastern White Rock stage 2, to be seen to the northwest of this viewpoint.
- Views of the RWF are unlikely to be seen within 8km from this viewpoint, likely due to intervening topography.

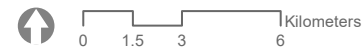
60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines

FIGURE 1.13



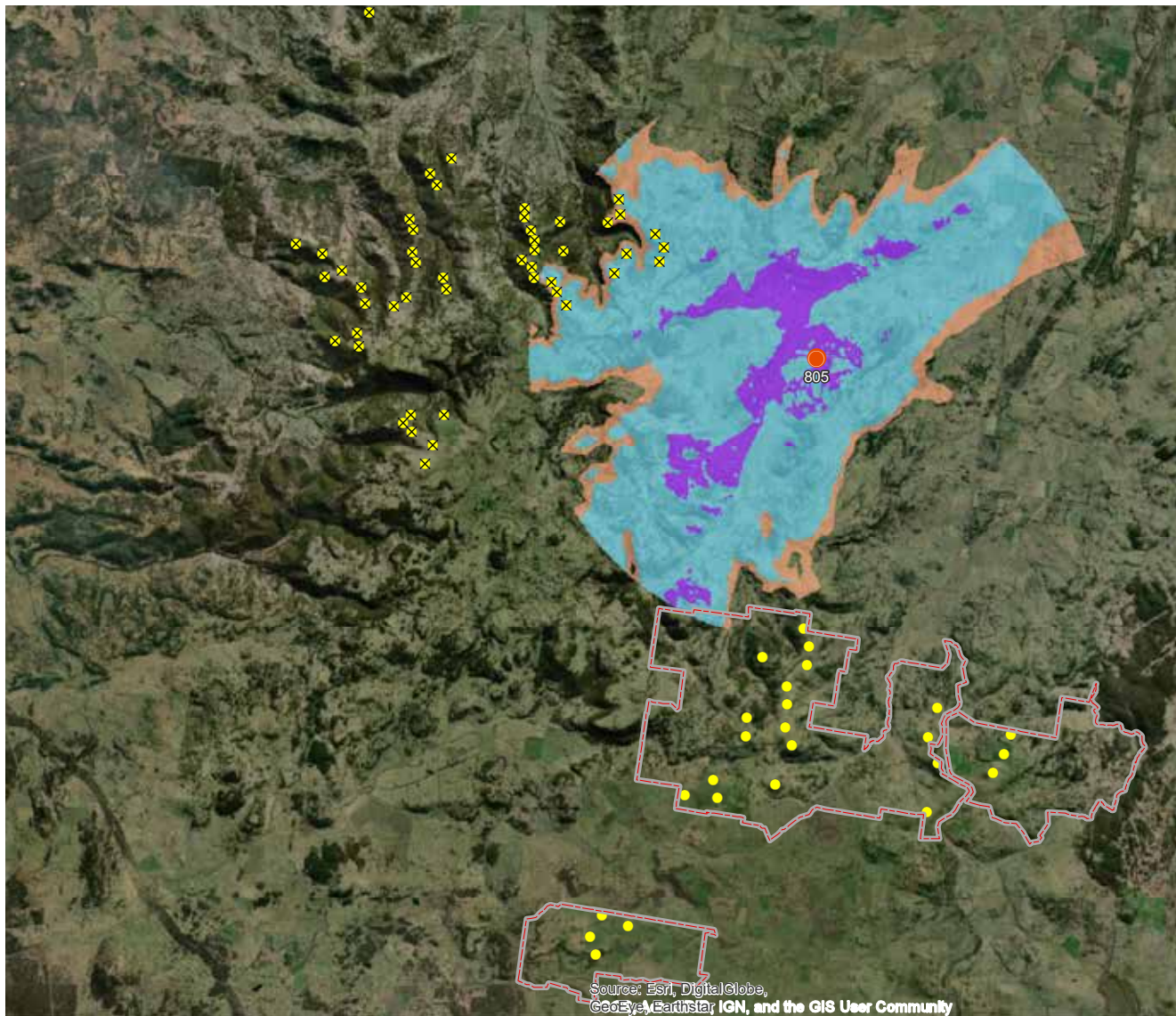


FIGURE 1.14

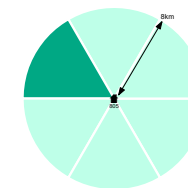
Cumulative analysis for Receptor 805

The viewpoint is located along the hilltops and has far reaching views.

Potential impacts

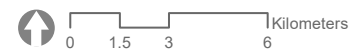
- Approximately 11 turbines within the east of White Rock stage 2, within 8km northwest of this viewpoint.
- Views of the RWF are unlikely to be seen within 8km from this viewpoint.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines



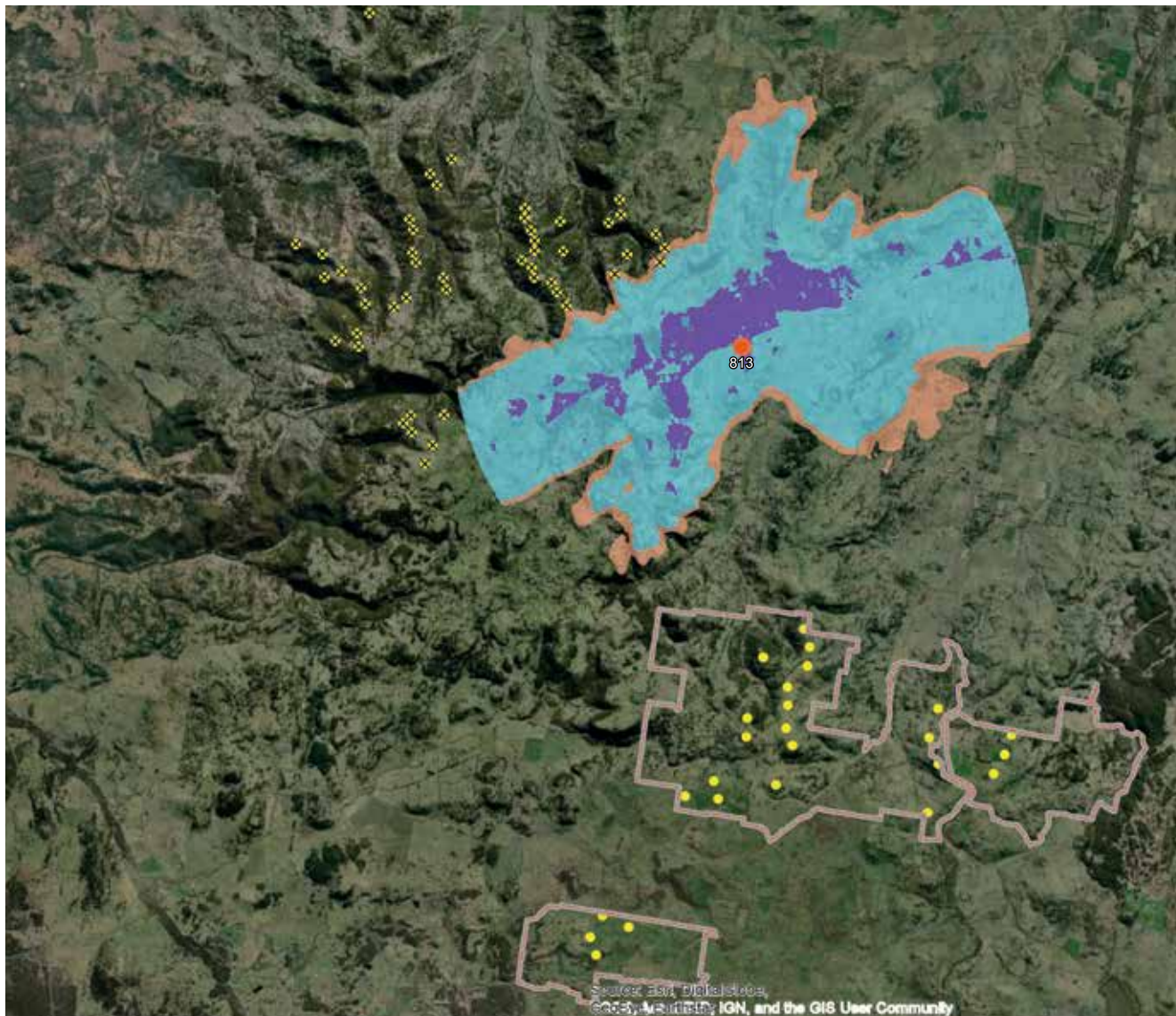
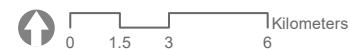


FIGURE 1.16



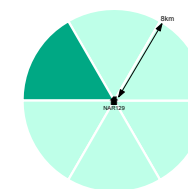
Cumulative analysis for Receptor 813

The viewpoint is located along the hilltops and has far reaching views to the north and south.

Potential impacts

- Turbines within White Rock stage 2 at 200m height are unlikely to be seen within 8km from this viewpoint, likely due to intervening topography.
- Views of the RWF are unlikely to be seen from this viewpoint, likely due to intervening topography.

60 degree sectors in which wind turbines are potentially visible with 8km from the representative viewpoint.



Legend

- Project area boundary
- Wind turbine location (250m)
- ✕ White Rock turbine locations (200m AGL)
- Dwellings within 8km of both wind farms
- Ground level cumulative viewshed
- Turbine cumulative viewsheds**
- 200m turbines
- 250m turbines

Appendix D

Assessment methodology

Landscape assessment approach

Landscape sensitivity

A record of the inherent and intrinsic sensitivity of the landscape and the degree to which it can accommodate change.

- Value | The importance of the landscape to society
- Components | Contributing components, such as trees, woodlands, land use, heritage
- Characteristics | Patterns, scenic quality, tranquility etc.
- Landscape Character Areas | Homogeneous areas with defining characteristics
- Replacement or substitution | The degree to which inherent components or characteristics can be reserved
- Trends of change | An account of the natural or human activities that may alter the landscape

Table 1: Landscape sensitivity level definitions

High sensitivity	<p>Landscapes which by nature of their character would be unable to accommodate change of the proposed type. Typically these would be:</p> <ul style="list-style-type: none"> • Of high value of high value with distinct elements and features making a positive contribution to character and sense of place • Likely to be designated, but the aspects which underpin such value may also be present outside designated areas, especially at the local scale • Areas of special recognised value, through use, perception or historic and cultural associations. • Likely to contain features and elements that are rare and could not be replaced
Moderate sensitivity	<p>Landscapes which by nature of their character would be able to partly accommodate change of the type proposed. Typically these would be;</p> <ul style="list-style-type: none"> • Comprised of commonplace elements and features creating generally unremarkable character but with some sense of place. • Locally designated, or their value may be expressed through non-statutory local publications. • Containing some features of value through use, perception of historic and cultural associations. • Likely to contain some features and elements that could not be replaced.
Low sensitivity	<p>Landscapes which by nature of their characteristics would be able to accommodate change of the type proposed. Typically these would be;</p> <ul style="list-style-type: none"> • Comprised of some features and elements that are discordant, derelict or in decline, resulting in indistinct character with little or no sense of place. • Not designated. • Containing few, if any, features of value through use, perception or historic and cultural associations. • Likely to contain few, if any, features and elements that could not be replaced.

Magnitude of change

The scale, nature and duration of the change and the degree to which the effect can be mitigated

- The scale | Small, medium or large
- Nature | Negative (adverse) or positive (beneficial)
- Duration | Short, medium, long term permanent or temporary
- The mitigation | The degree to which mitigation would reduce the effect

Table 2: Landscape magnitude of change level definitions

High adverse	Total loss or large scale damage to existing character or distinctive features and elements, and/or the addition of new but uncharacteristic conspicuous features or elements.
Moderate adverse	Partial loss or noticeable damage to existing character or distinctive features and elements, and/or the addition of new but uncharacteristic noticeable features and elements.
Low adverse	Slight loss or damage to existing character or features and elements, and/or the addition of new but uncharacteristic features or elements.
Negligible adverse	Barely noticeable loss or damage to existing character or features and elements, and/or the addition of new but uncharacteristic features and elements.
No change	No noticeable loss, damage or alternation to character or features or elements.

Visual assessment approach

Visual sensitivity

A record of the visual receptors within the study area and an analysis of the visual sensitivity

- Define visual study area | The areas within which the view is expected to be of concern of importance
- Identify the representative viewpoints | Record important public and provide view points.
- The expectation and occupation or activity to inform level of sensitivity | The most sensitive receptors may include residential and public outdoor facilities. Industrial areas may have a low level of visual sensitivity
- The importance of the view | Views that may be designated to safeguard their value or locations that are valued by the communities

Table 3: Visual sensitivity level definitions

High sensitivity	<p>Examples may include:</p> <ul style="list-style-type: none"> • Residential properties • Users of public footpaths or other recreational trails (e.g National Trails) • Users of recreational facilities where the purpose of that recreation is the enjoyment of the landscape (e.g. National Parks and designated scenic lookouts) • Users of designated tourist routes
Moderate sensitivity	<p>Examples may include:</p> <ul style="list-style-type: none"> • Outdoor works • Users of scenic roads, railway corridors or waterways • Schools and other institutional buildings, and their outdoor areas
Low sensitivity	<p>Examples may include:</p> <ul style="list-style-type: none"> • Indoor workers • Users of main roads or arterial roads • Users of recreational facilities where the purpose of that recreation is not related to the views

Magnitude of change

The scale, nature and duration of the change and the degree to which the effect can be mitigated

- Scale | With respect to the loss or addition of features in the view and changes in its composition
- Degree of contrast or integration | Form, scale and mass, line, height, colour, texture
- Nature of view in relation to the proposal | Angle, distance and extent
- Mitigation | The degree to which mitigation would reduce the effect

Table 4: Visual magnitude of change level definitions

High	The project, or part of it, would become the dominant feature or focal point of the view.
Moderate	The project, or part of it, would form a noticeable feature or element of the view which is readily apparent to the receptor.
Low adverse	The project, or part of it, would be perceptible but not alter the overall balance of features and elements that comprise the existing view.
Negligible adverse	Only a very small part of the project would be discernible, or it is at such a distance that it would form a barely noticeable feature or element of the view.
No change	No part of the project, or work or activity associated with it, is discernible.

Overall ratings matrix

Table 6: Landscape and visual impact assessment matrix

		Magnitude			
		High	Moderate	Low	Negligible
Sensitivity	High	High Impact	High- Moderate Impact	Moderate Impact	Low
	Moderate	High-Moderate impact	Moderate Impact	Moderate - Low Impact	Low
	Low	Moderate Impact	Moderate - Low Impact	Low Impact	Negligible
	Negligible	Low	Low	Negligible	Negligible

Rangoon Wind Farm

Preliminary Landscape and
Visual Impact Assessment

June 2020