

Castle Wind Energy Facility, Northern Cape

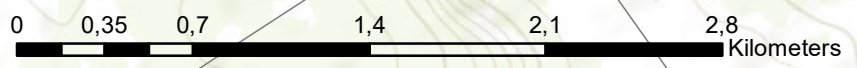
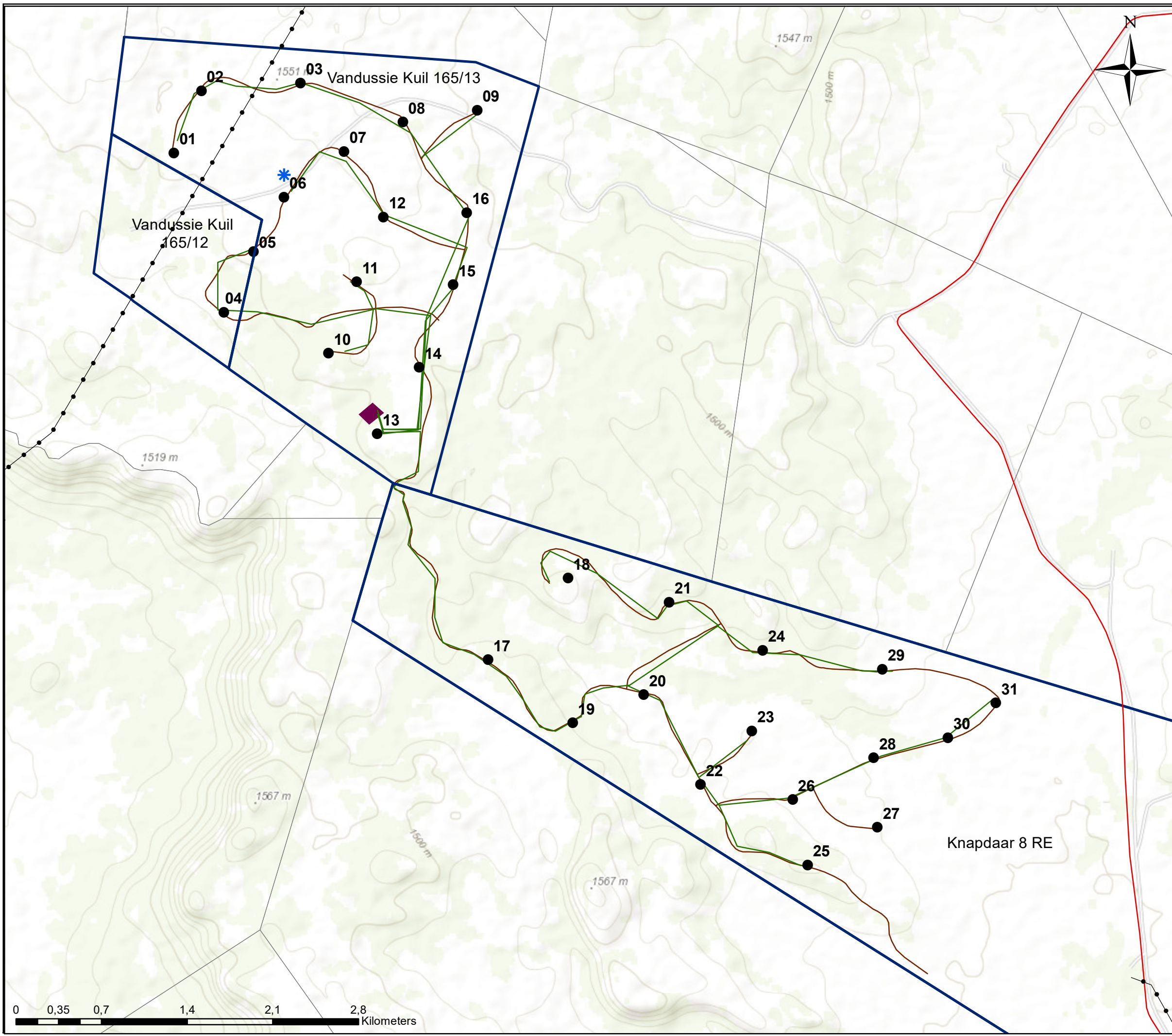
Layout Map

Legend

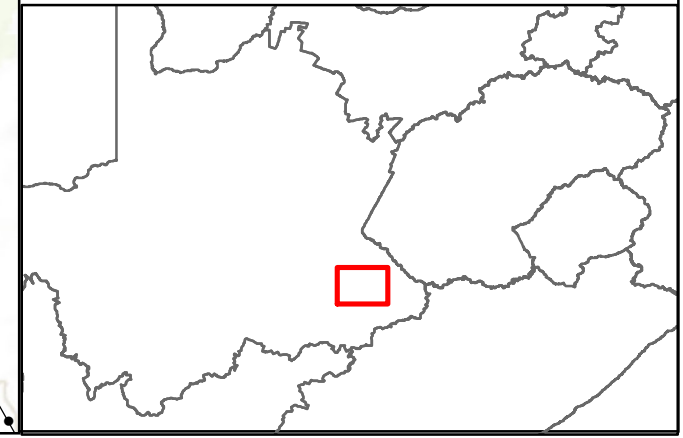
- Main Roads
- Eskom Power lines
- ▭ Affected Farm Portions
- ▭ Farm Portions

Layout

- Turbines
- * Met Tower
- Internal Reticulation (underground cabling)
- Roads
- Collector Substation



Scale: 1:30 000
Projection: LO31
Ref: Castle Layout Map_24.06.19



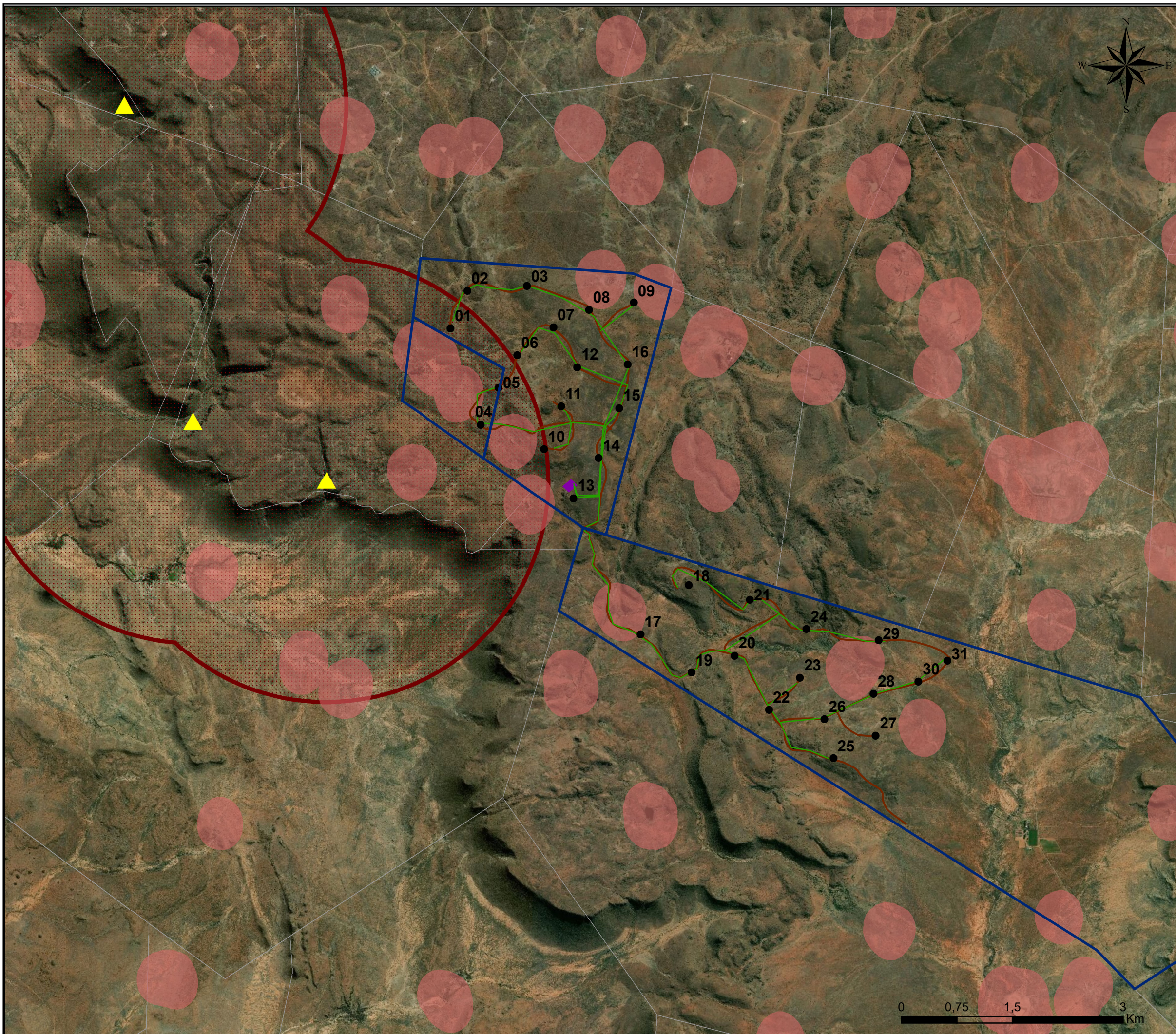
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Castle Wind Energy Facility. Northern Cape Province

Avifaunal Sensitivity Map

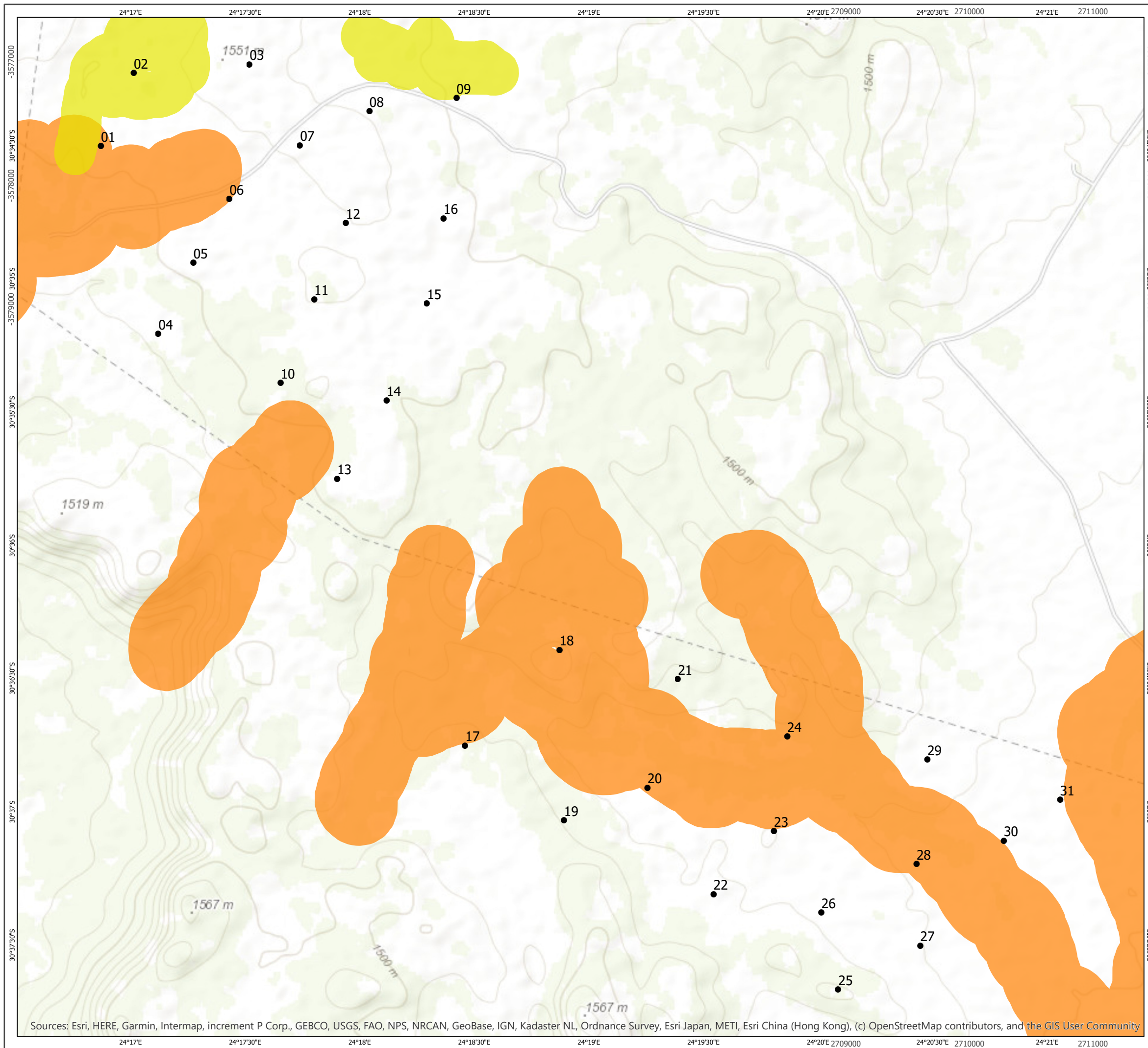
Legend

- Turbines
 - Internal Reticulation
 - Roads
 - Collector Substation
 - FPORTION
- ### Avifaunal Sensitivity
- ▲ Verreaux's Eagle nest
 - Castle Final Medium Sensitivity
 - 3km Verreaux Eagle Nest Buffers

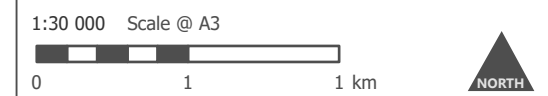


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Ref: Castle Avifaunal Sensitivity Map_02.07.19





- Turbine Layout
- Moderate Bat Sensitivity 135m buffer
- High Bat Sensitivity 260m buffer







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| Produced By: MB | Ref: 3324-REP-001 |
| Checked By: JA | Date: 14/Jun/2019 |

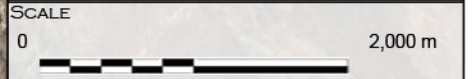
Bat Sensitivity Map
Figure 1

**Castle Wind Farm
Amendment**

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

LEGEND

-  - Project Property
-  - Public Roads
-  - Potential Noise-sensitive receptors
-  - Authorized layout (Sept 2014)



TITLE
Castle WEF: Authorized layout

CLIENT
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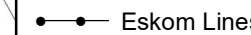



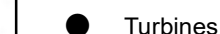
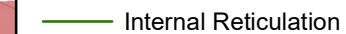











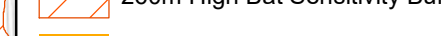
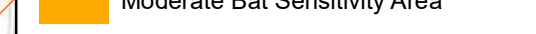


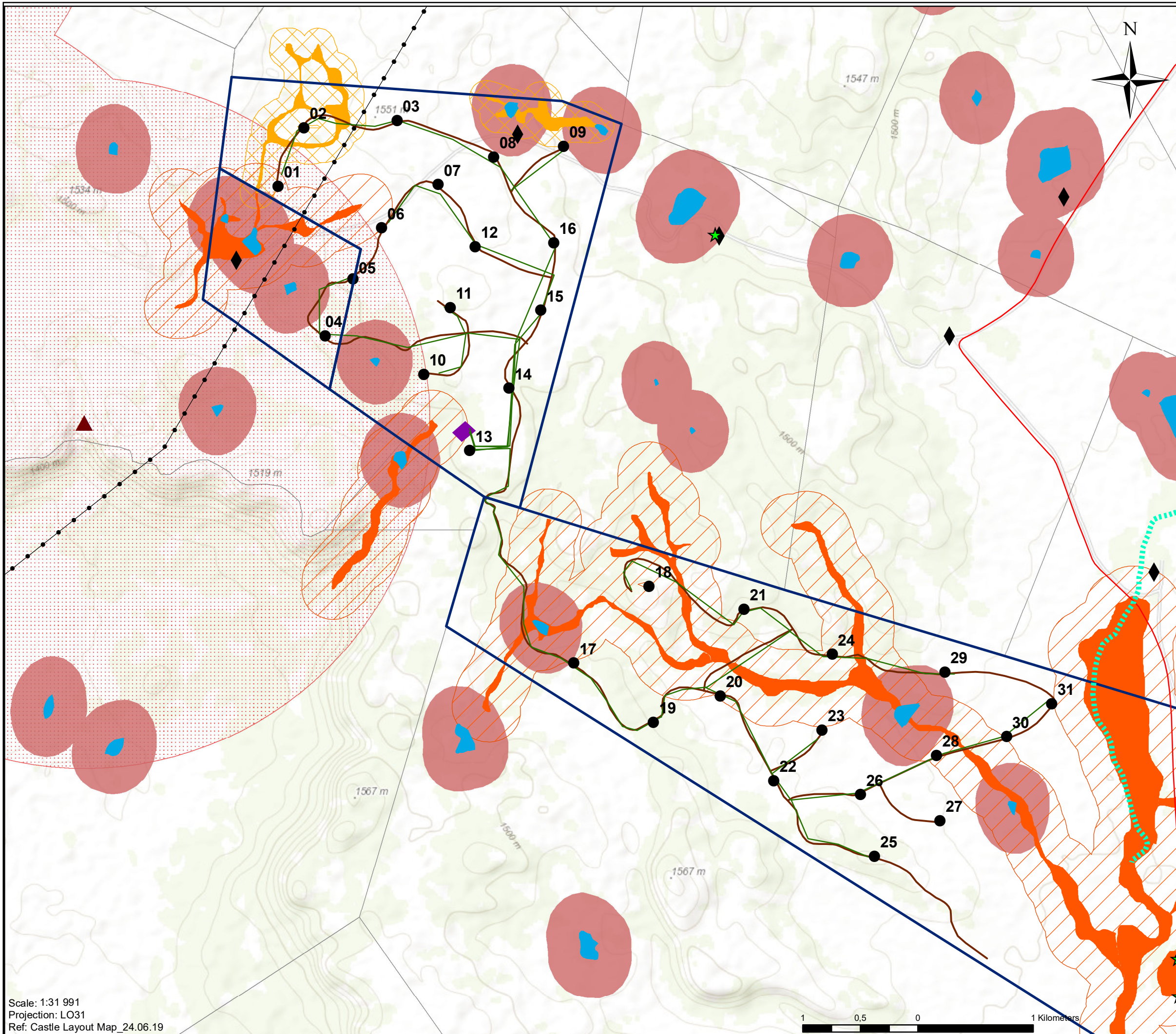
REFERENCES AND SOURCES
GoogleEarth

Castle Wind Energy Facility Northern Cape Province

Layout and Sensitivity Map

Legend

-  Eskom Lines
-  Main Roads
-  Affected Farm Portions
-  Farm Portion
- Layout**
-  Turbines
-  Internal Reticulation
-  Internal Roads
-  Collector Substation
- Environmental Sensitivities**
-  NSD
-  Residences and Homesteads
-  Verreaux's Eagle nest
-  3km Verreaux Eagle Nest Buffers
-  Medium Avifaunal Sensitivity (no-go)
-  NFEPA Non-Perennial Rivers
-  NFEPA Wetlands
-  High Bat Sensitivity Area (no-go)
-  260m High Bat Sensitivity Buffer (no-go)
-  Moderate Bat Sensitivity Area
-  135m Moderate Bat Sensitivity Buffer



Scale: 1:31 991
 Projection: LO31
 Ref: Castle Layout Map_24.06.19

