

**Development Footprint Coordinates**

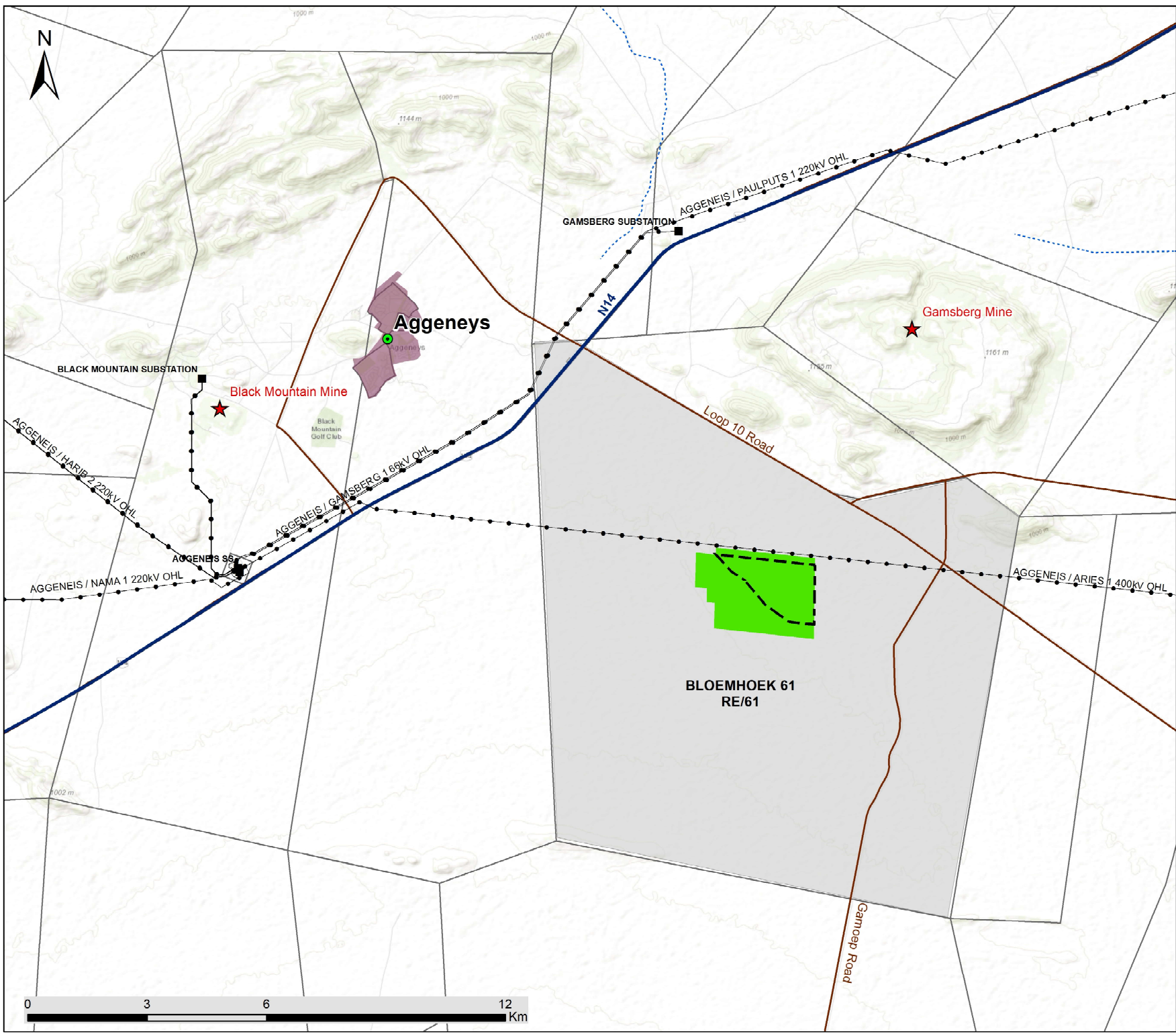
	<b>Latitude</b>	<b>Longitude</b>
<b>01</b>	29°17'46.17"S	18°57'7.57"E
<b>02</b>	29°18'34.46"S	18°57'6.60"E
<b>03</b>	29°18'32.31"S	18°56'43.30"E
<b>04</b>	29°18'17.73"S	18°56'20.64"E
<b>05</b>	29°17'58.18"S	18°56'1.86"E
<b>06</b>	29°17'51.00"S	18°55'49.28"E
<b>07</b>	29°17'37.41"S	18°55'35.15"E
<b>Centre</b>	29°17'59.36"S	18°56'33.99"E

# Geelstert 1, Northern Cape

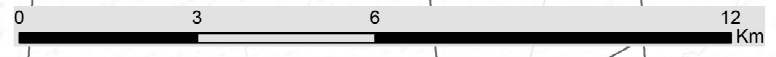
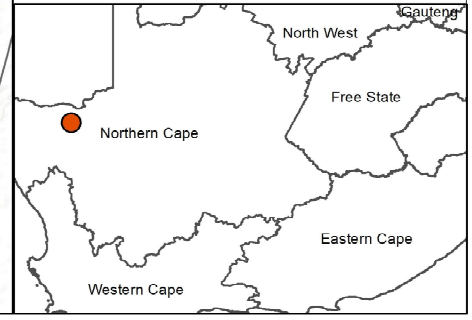
## Locality Map

### Legend

- Town
- Mining Operations
- Eskom Substation
- Existing Power Line
- National Road
- Main Road
- Non-perennial River
- Residential Area
- Farm Portion
- Study Area
- Geelstert 1 (Development Area)
- Geelstert 1 (Development Footprint)



Scale: 1:90 200  
Projection: LO19  
Map Ref: Geelstert 1 PV - Locality Map - 31.07.20





# Geelstert 1, Northern Cape

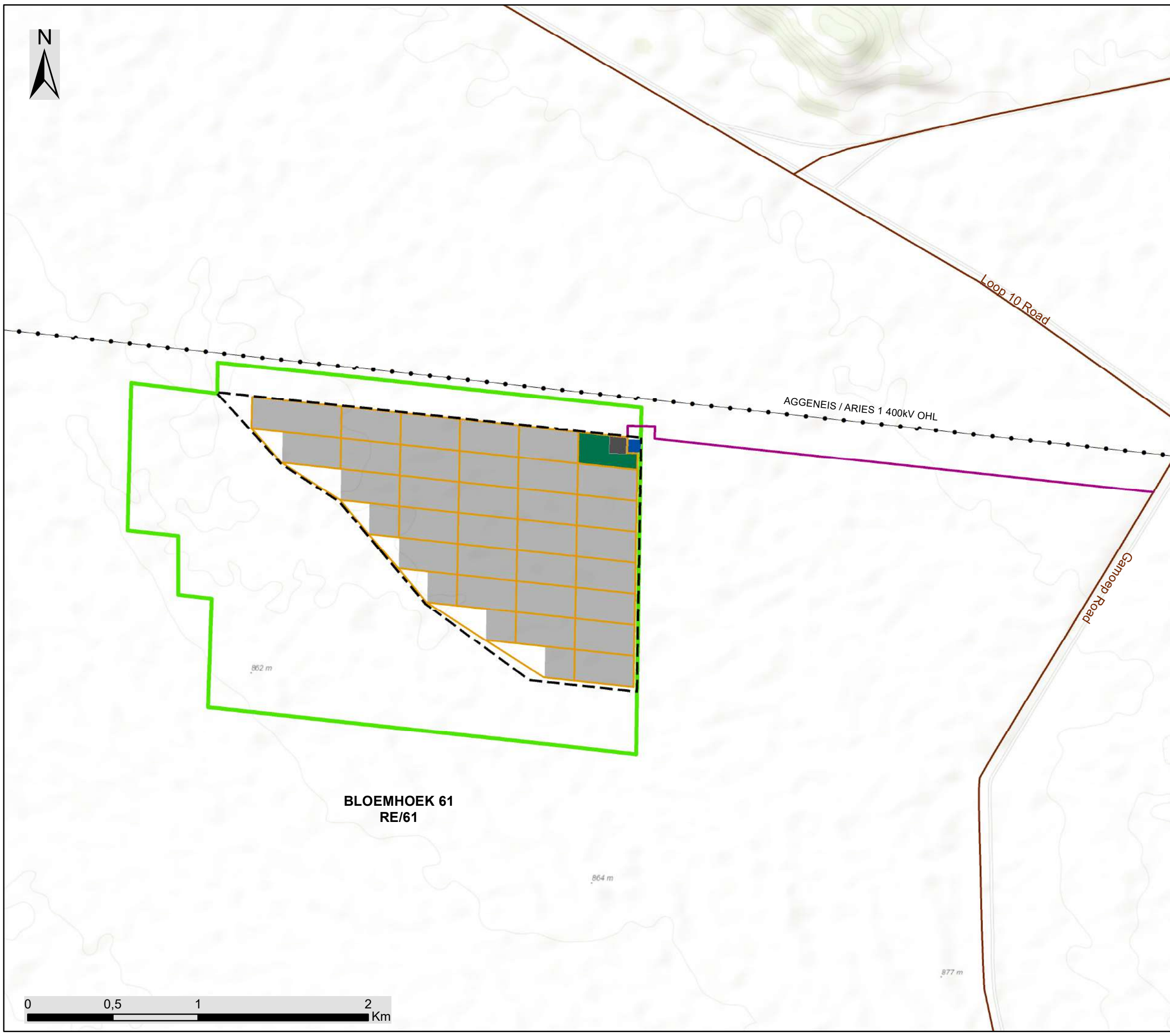
## Layout Map

### Legend

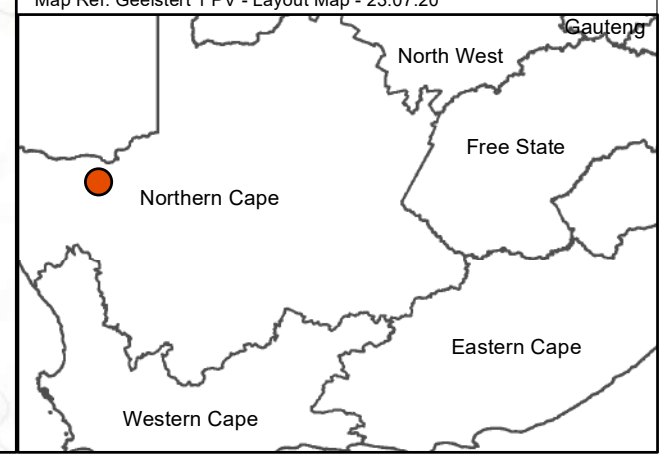
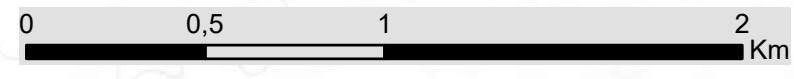
- Existing Power Line
- Main Road
- ▭ Geelstert 1 (Development Area)
- - - Fence
- Internal Access Roads
- Main Access Road
- Laydown
- O&M Buildings
- On-site Facility Substation
- Solar Panel Area

### Layout Plan:

- - - Fence
- Internal Access Roads
- Main Access Road
- Laydown
- O&M Buildings
- On-site Facility Substation
- Solar Panel Area













Scale: 1:21 100  
Projection: LO19  
Map Ref: Geelstert 1 PV - Layout Map - 23.07.20



# Geelstert 1, Northern Cape

## Cumulative Map

### Legend

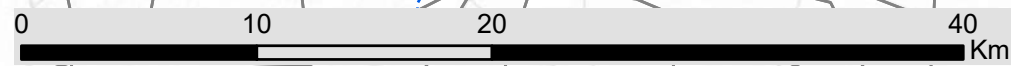
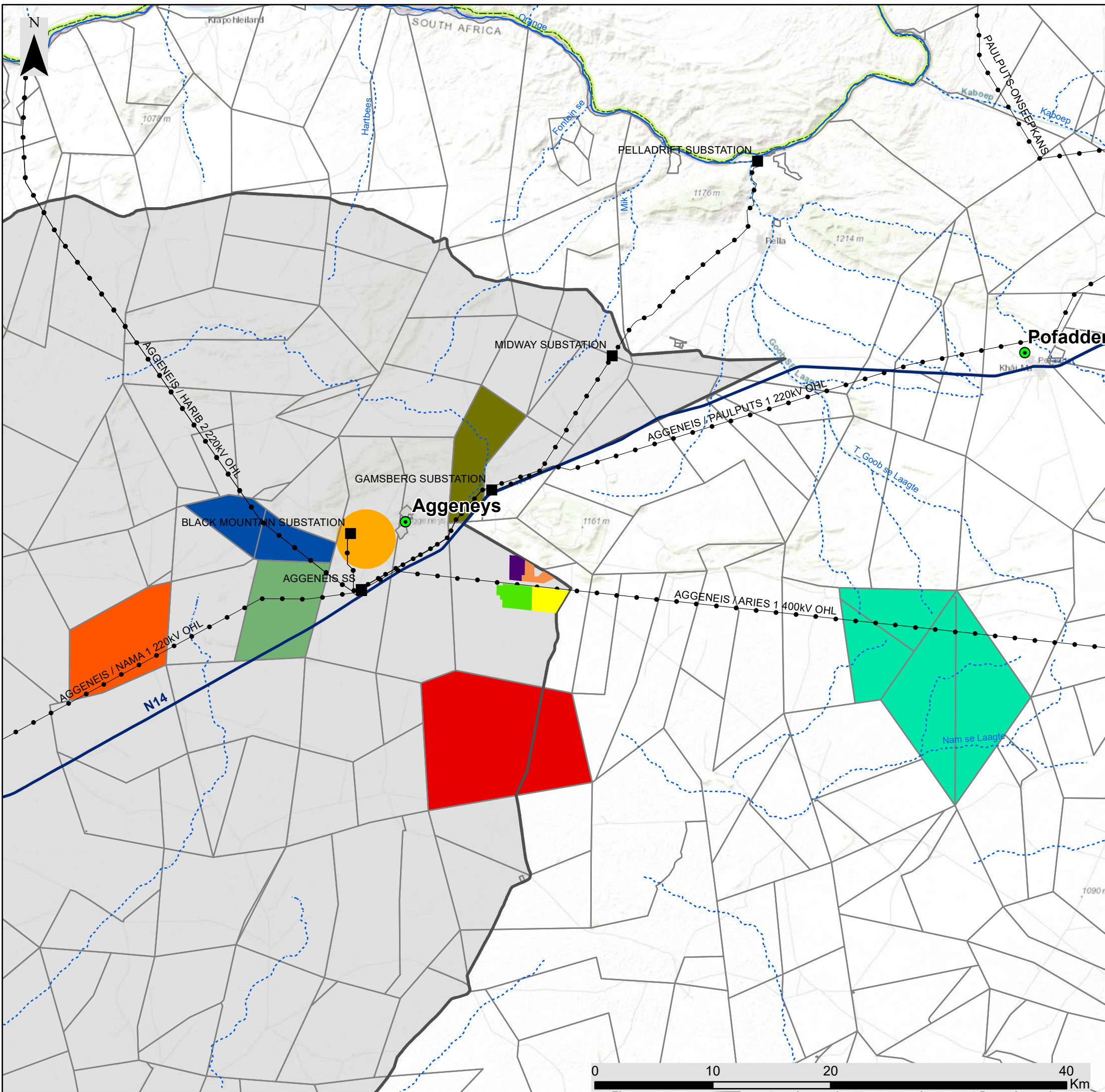
-  Town
-  Eskom Substation
-  Existing Power Line
-  National Route
-  Perennial River
-  Non-perennial River
-  Springbok REDZ 8
-  Farm Portion
-  National Boundary
-  Geelstert 1 (Development Area)

### Other known renewable energy facilities:

(Illustrations based on affected properties and not development area)

-  Geelstert 2 (1x 125MW PV)
-  ABO Wind Aggeneys 1 (1x 100MW PV)
-  ABO Wind Aggeneys 2 (1x 100MW PV)
-  Biotherm Enamandla (4 x 75MW PV) & Letsoai (2 x 150MW CSP)
-  Building Energy Sol Invictus (2 x 150MW PV & 4x 75MW)
-  PVAfrica Zuurwater (5 x 75MW PV & 1x 60MW PV)
-  Boesmanland Solar (1 x 75MW PV)
-  Mainstream (1 x 250MW PV/CPV)
-  Black Mountain Mine Solar (1 x 19MW PV)
-  Biotherm Aggeneys PV Solar Energy Facility (1x 40MW PV)
-  PB4 - Operational

Scale: 1:321 000  
 Projection: LO19  
 Map Ref: Geelstert PV 1 - Cumulative Map



# Geelstert 1, Northern Cape

## Layout and Environmental Sensitivity Map



AGGENEIS / ARIES 1 400kV OHL

### Legend

- Existing Power Line
- Geelstert 1 (Development Area)
- Fence
- Internal Access Roads
- Main Access Road
- Laydown
- O&M Buildings
- On-site Facility Substation
- Solar Panel Area

### Layout Plan:

- Fence
- Internal Access Roads
- Main Access Road
- Laydown
- O&M Buildings
- On-site Facility Substation
- Solar Panel Area

### Environmental Sensitivities:

- Red Lark Sightings
- Red Lark Habitat (High Avifauna Sensitivity)
- Pan (Very High Avifauna Sensitivity and High Ecological Sensitivity)
- Depression Wetland (No-Go Freshwater Area)
- Depression Wetland (15m Buffer) (No-Go Freshwater Area)
- Dune Habitat (Very High Avifauna and High Ecological Sensitivity)
- Large Ephemeral Stream (No-Go Freshwater Area)
- Large Ephemeral Stream (35m Buffer) (No-Go Freshwater Area)

BLOEMHOEK 61  
RE/61

857 m

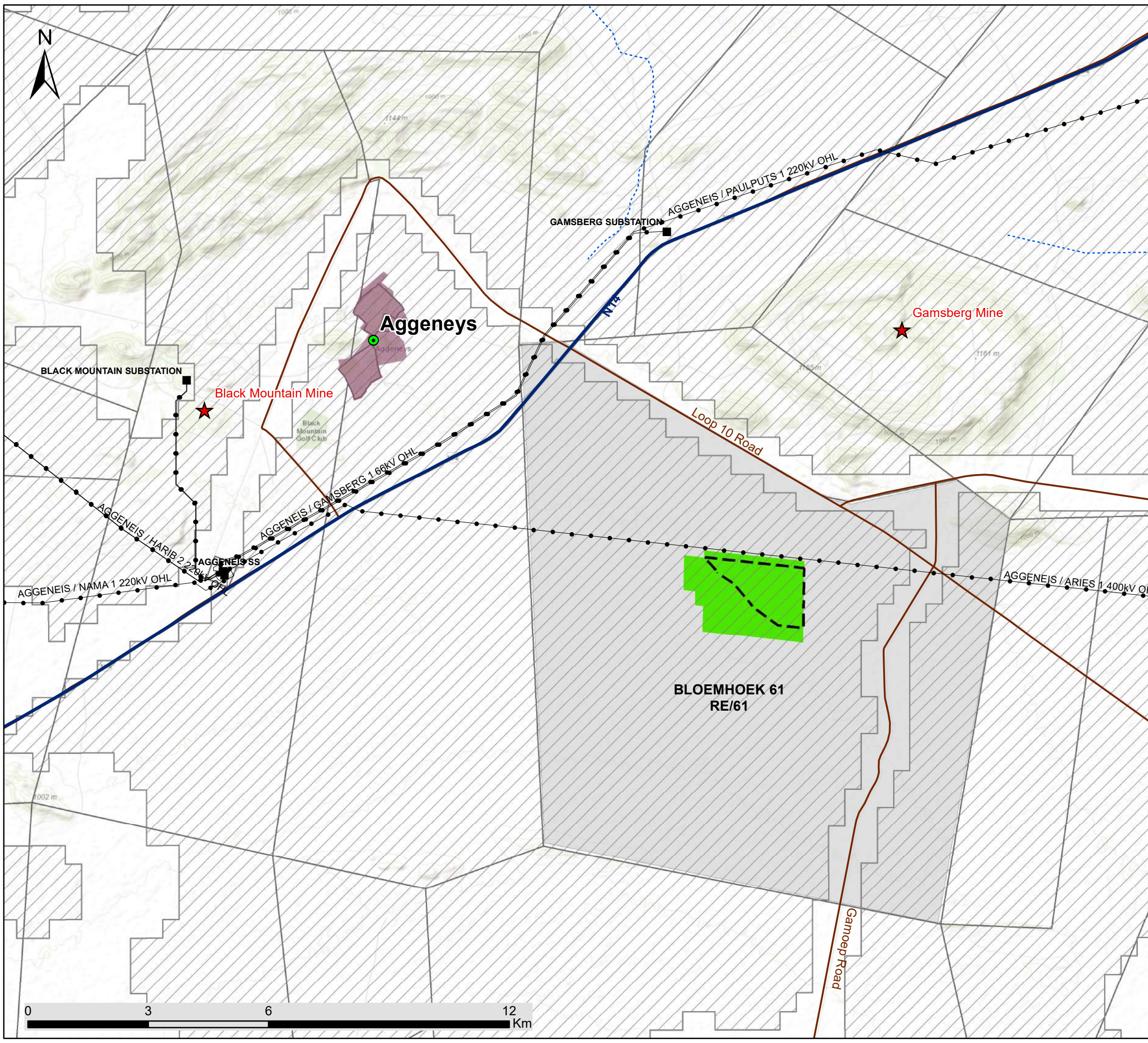


# Geelstert 1, Northern Cape

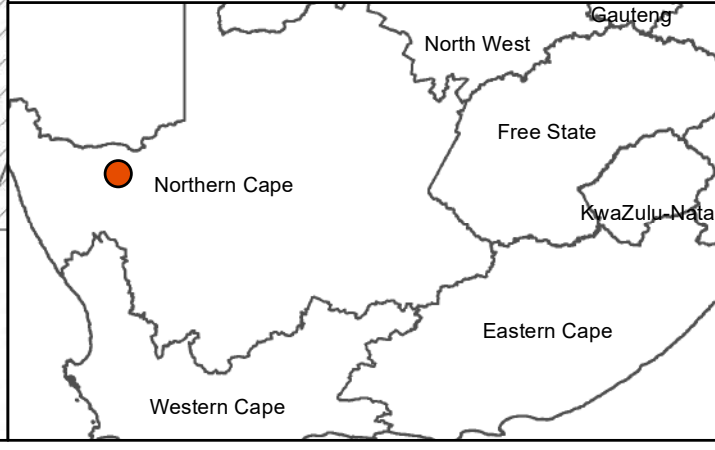
## National Protected Areas Expansion Strategy Map

### Legend

- Town
- ★ Mining Operations
- Eskom Substation
- Existing Power Line
- National Road
- Main Road
- - - Non-perennial River
- Residential Area
- Study Area
- Farm Portion
- Geelstert 1 (Development Area)
- - - Geelstert 1 (Development Footprint)
- ▨ Kamiesberg Bushmanland Augrabies Focus Area



Scale: 1:90 200  
Projection: LO19  
Map Ref: Geelstert 1 PV - NPAES Map



# Geelstert 1, Northern Cape

## Astronomy Advantage Area Map

### Legend

- Town
- Mining Operations
- Eskom Substation
- Existing Power Line
- National Road
- Main Road
- Non-perennial River
- Residential Area
- Study Area
- Farm Portion
- Geelstert 1 (Development Area)
- Geelstert 1 (Development Footprint)
- Astronomy Advantage Area



Scale: 1:90 200  
Projection: LO19  
Map Ref: Geelstert 1 PV - AAA Map

