






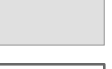

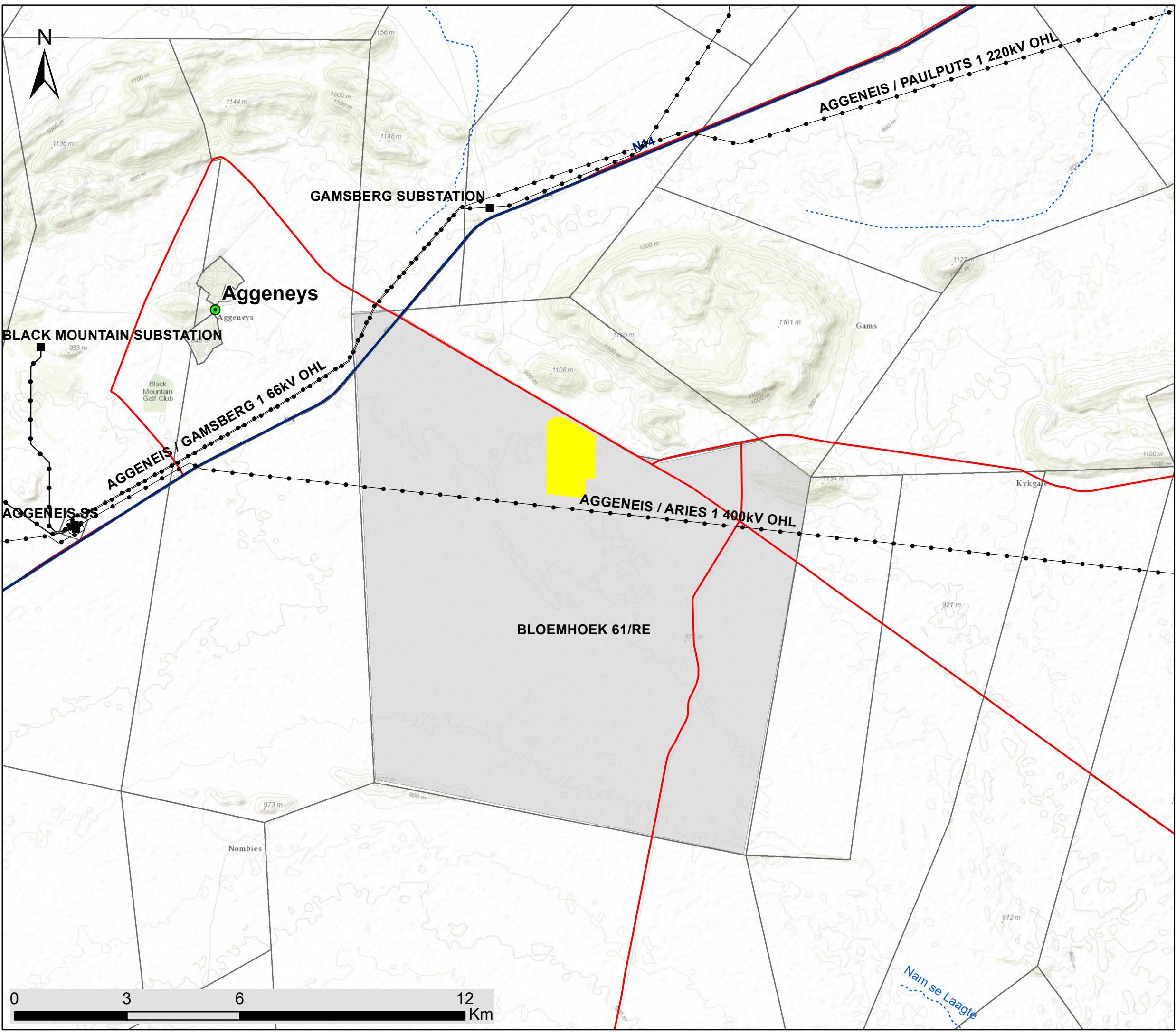


Aggeneys 1 – 100MW Solar Facility and associated infrastructure, Northern Cape

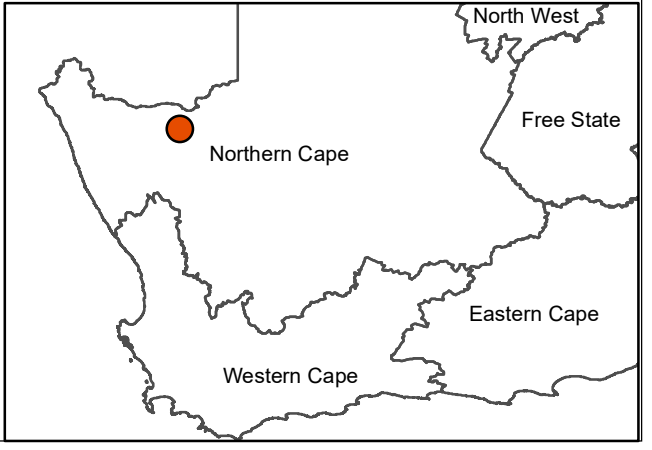
Locality Map

Legend

-  Town
-  Eskom Substation
-  Existing Power Line
-  National Route
-  Main Road
-  Non-perennial River
-  Project Site (250ha)
-  Affected Property (12 226 ha)
-  Farm Portion



Scale: 1:95 650
 Projection: LO19
 Map Ref: Aggeneys 1 PV - Locality Map - 28.11.18





Aggeneys 1 – 100MW Solar Facility and associated infrastructure, Northern Cape

Layout Map

Legend

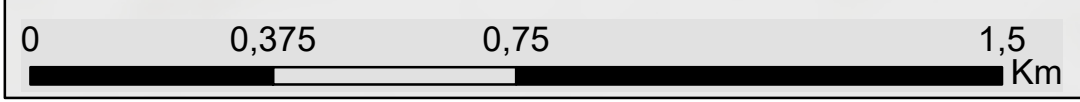
- Existing Power Line
- Main Road
- Project Site (250ha)
- Study Area (12 226ha)

Layout

- Internal Access Roads
- Solar Field
- Laydown Area
- O&M Block

Substation Alternatives

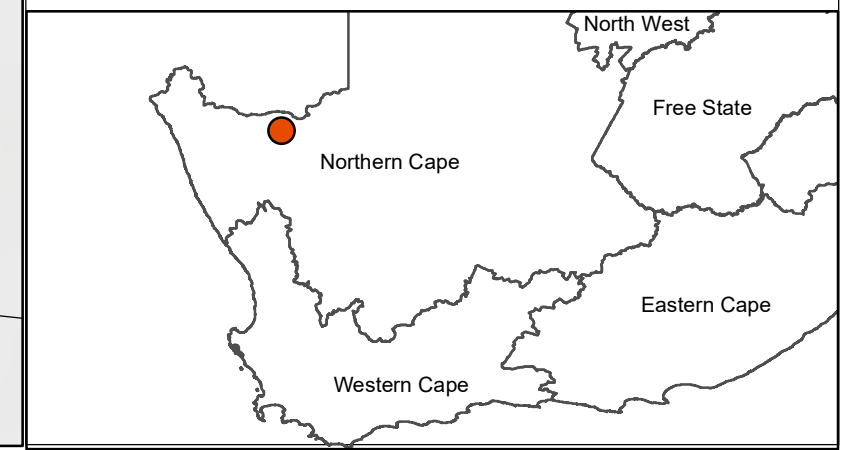
- Substation Alternative 1
- Substation Alternative 2



AGGENEIS / ARIES 1 400kV OHL



Scale: 1:11 668
Projection: LO19
Map Ref: Aggeneys 1 PV - Layout Map - 10.04.19











Aggeneys 1 – 100MW Solar Facility and associated infrastructure, Northern Cape









Environmental Sensitivity and Layout Map



Legend

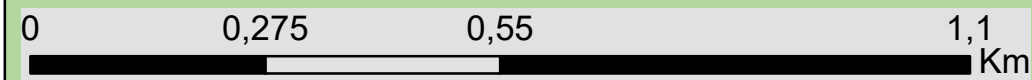
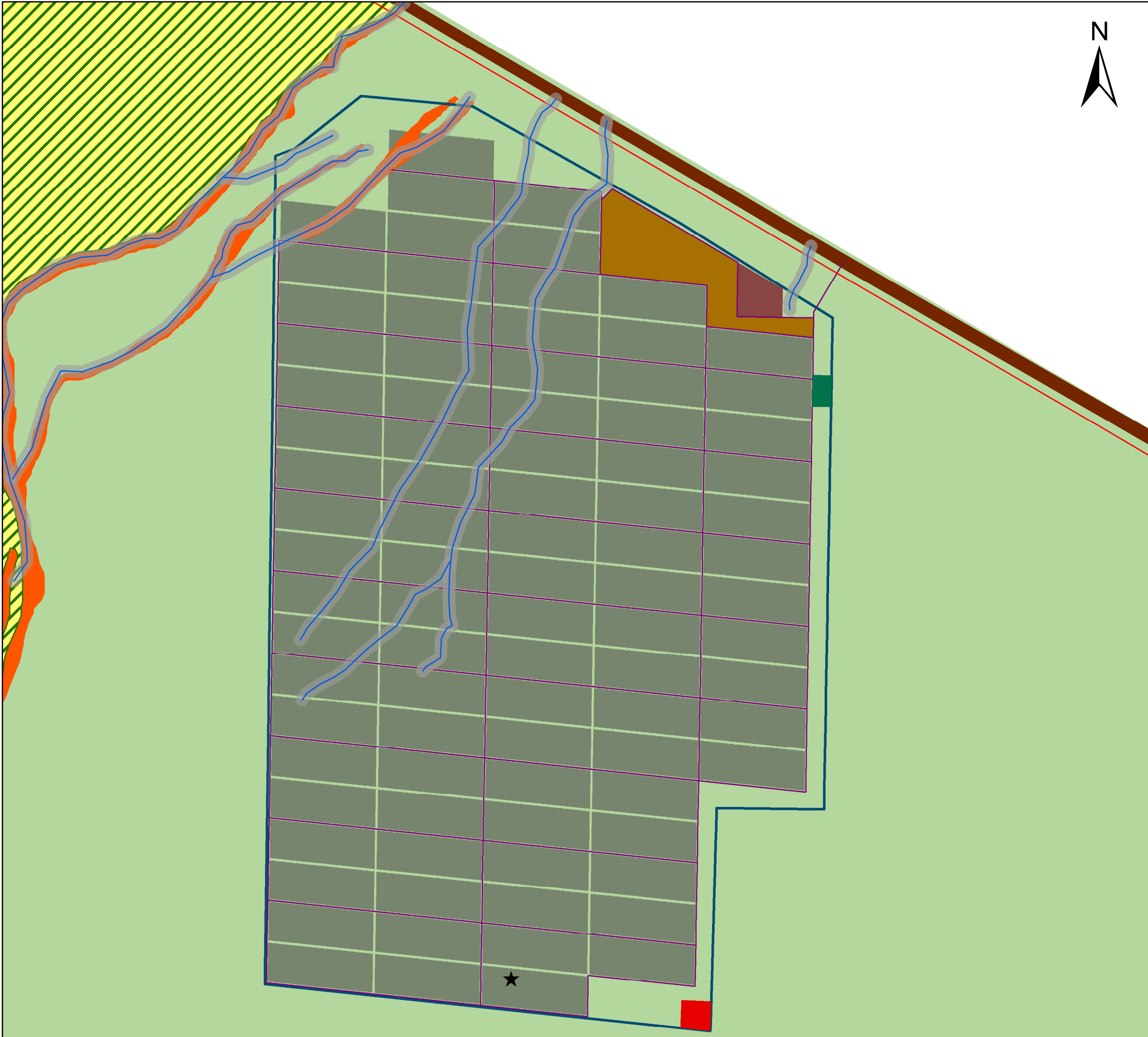
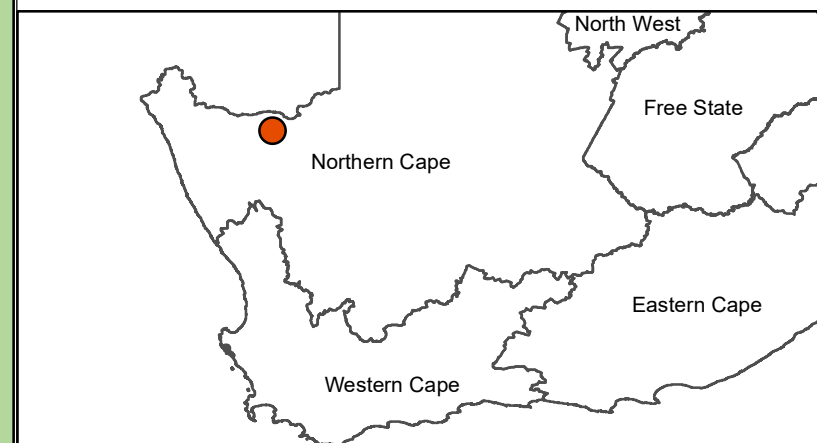
-  Main Road
-  Internal Access Roads
-  Substation Alternative 1
-  Substation Alternative 2
-  Solar Field
-  Laydown Area
-  O&M Block
-  Project Site (250ha)

Environmental Sensitivities

-  Insignificant Background Heritage Scatter (no impact)
-  Ephemeral Watercourse (Medium Freshwater Sensitivity)
-  Ephemeral Watercourse 15m Buffer (Medium Freshwater Sensitivity)
-  Gravel Plains (Low Avifauna Sensitivity)
-  Gravel Plains (High Ecological Sensitivity)
-  Wash (Medium Ecological and Avifauna Sensitivity)
-  Plains (Low Ecological and Avifauna Sensitivity)
-  Road (Transformed Ecological and Avifauna Sensitivity)



Scale: 1:8 847
 Projection: LO19
 Map Ref: Aggeneys 1 PV - Sensitivity Map - 10.04.19



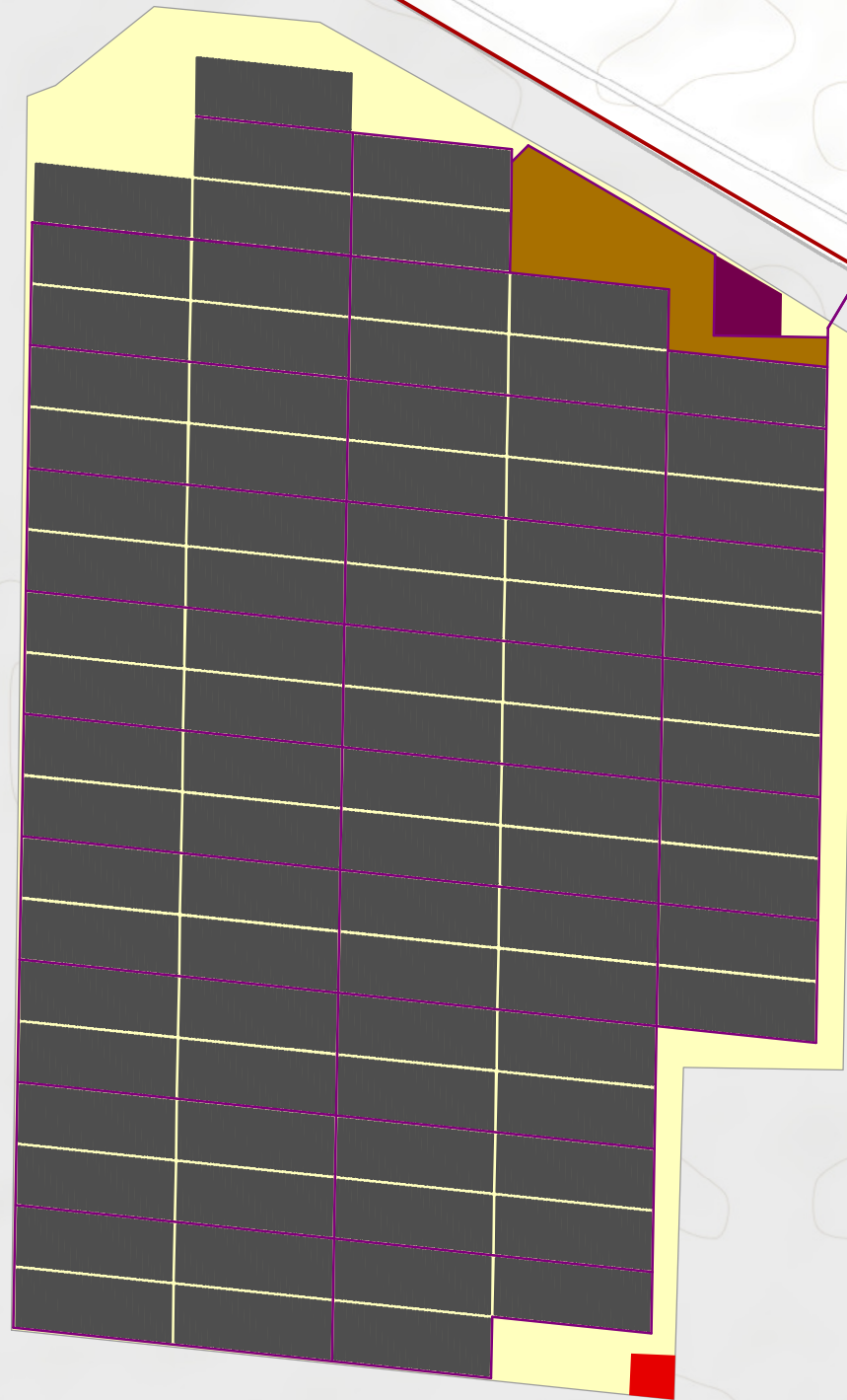


Aggeneys 1 – 100MW Solar Facility and associated infrastructure, Northern Cape

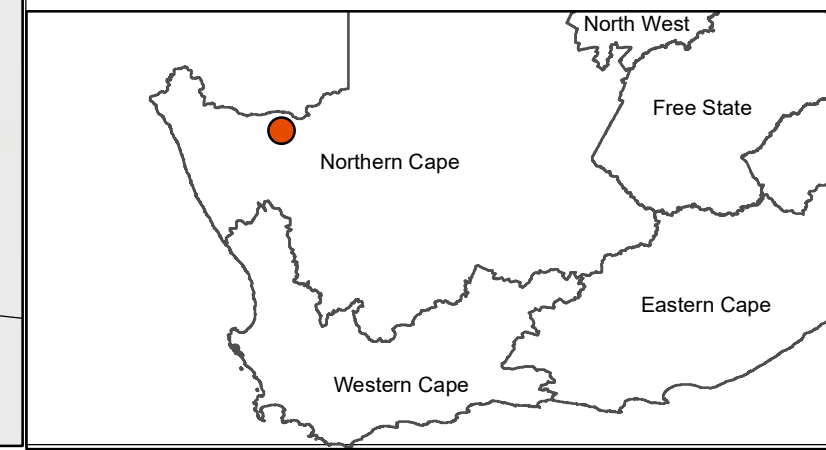
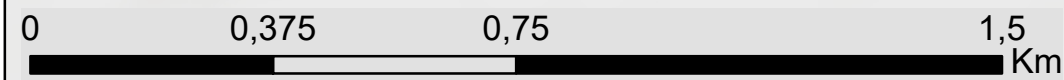
Preferred Layout Map

Legend

- Existing Power Line
 - Main Road
 - Project Site (250ha)
 - Study Area (12 226ha)
- ### Layout
- Internal Access Roads
 - Solar Field
 - Laydown Area
 - O&M Block
 - On-site Substation Alternative 1



Scale: 1:11 668
Projection: LO19
Map Ref: Aggeneys 1 PV - Preferred Layout Map - 10.04.19










AGGENEIS / ARIES 1 400kV OHL

Aggeneys 1 – 100MW Solar Facility and associated infrastructure, Northern Cape









Environmental Sensitivity and Preferred Layout Map



Legend

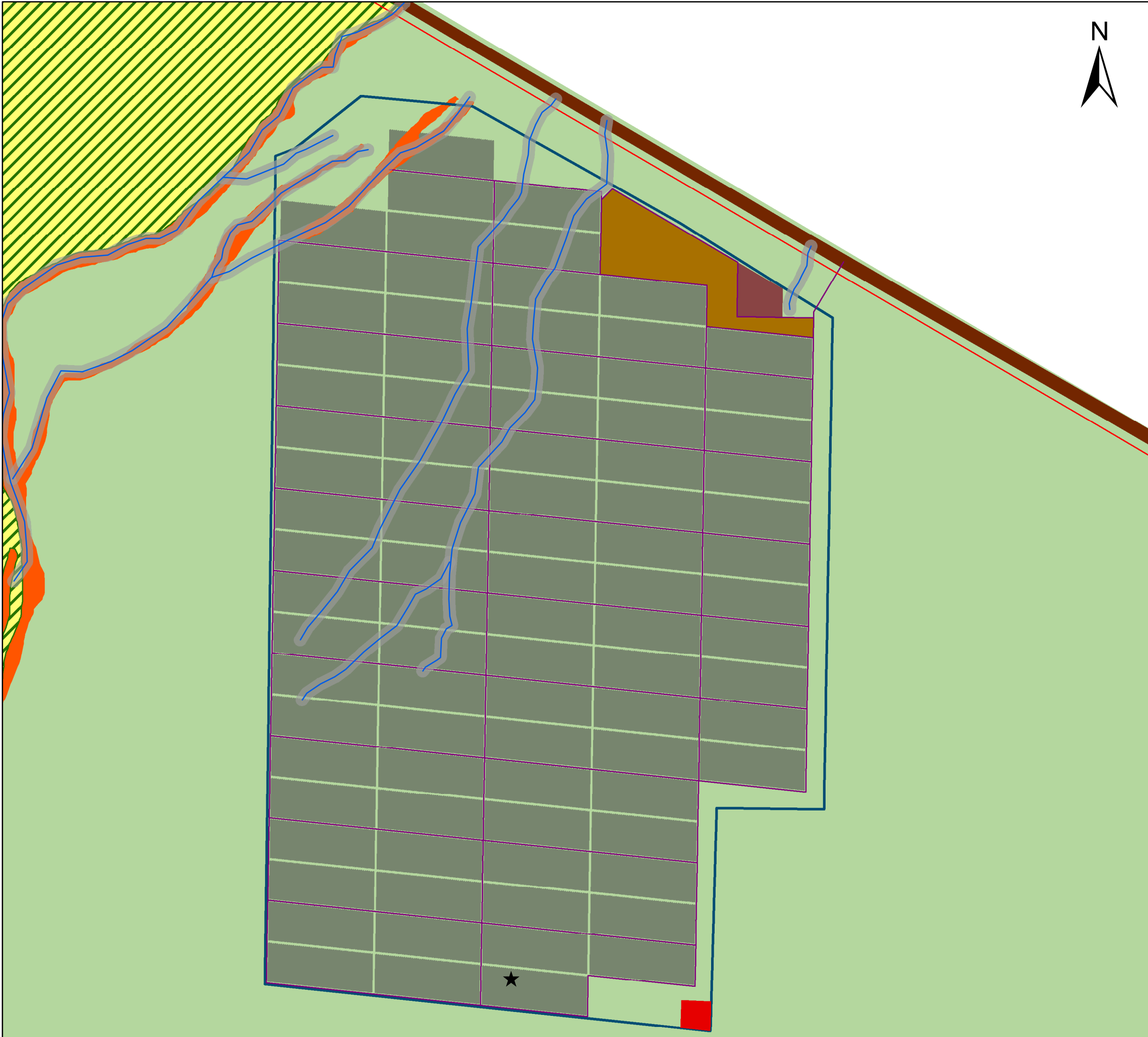
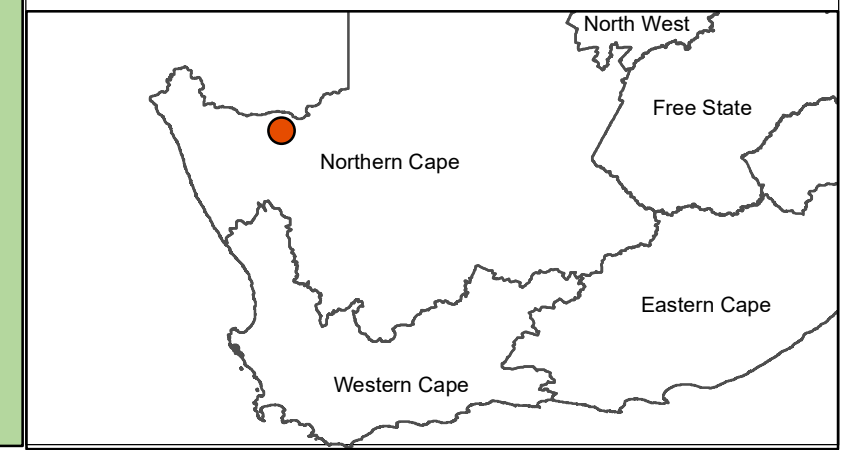
-  Main Road
-  Internal Access Roads
-  On-site Substation Alternative 1
-  Solar Field
-  Laydown Area
-  O&M Block
-  Project Site (250ha)

Environmental Sensitivities

-  Insignificant Background Heritage Scatter (no impact)
-  Ephemeral Watercourse (Medium Freshwater Sensitivity)
-  Ephemeral Watercourse 15m Buffer (Medium Freshwater Sensitivity)
-  Gravel Plains (Low Avifauna Sensitivity)
-  Gravel Plains (High Ecological Sensitivity)
-  Wash (Medium Ecological and Avifauna Sensitivity)
-  Plains (Low Ecological and Avifauna Sensitivity)
-  Road (Transformed Ecological and Avifauna Sensitivity)

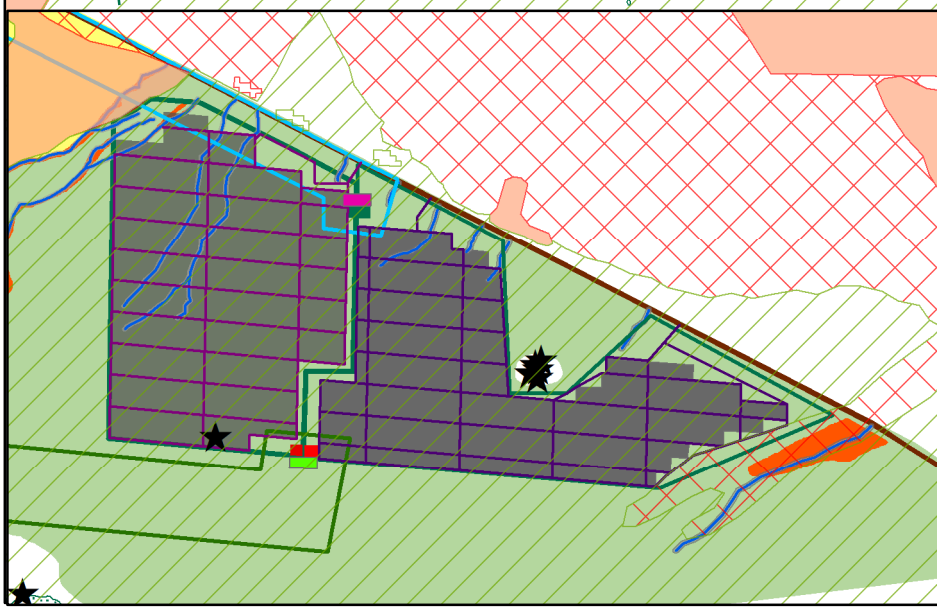
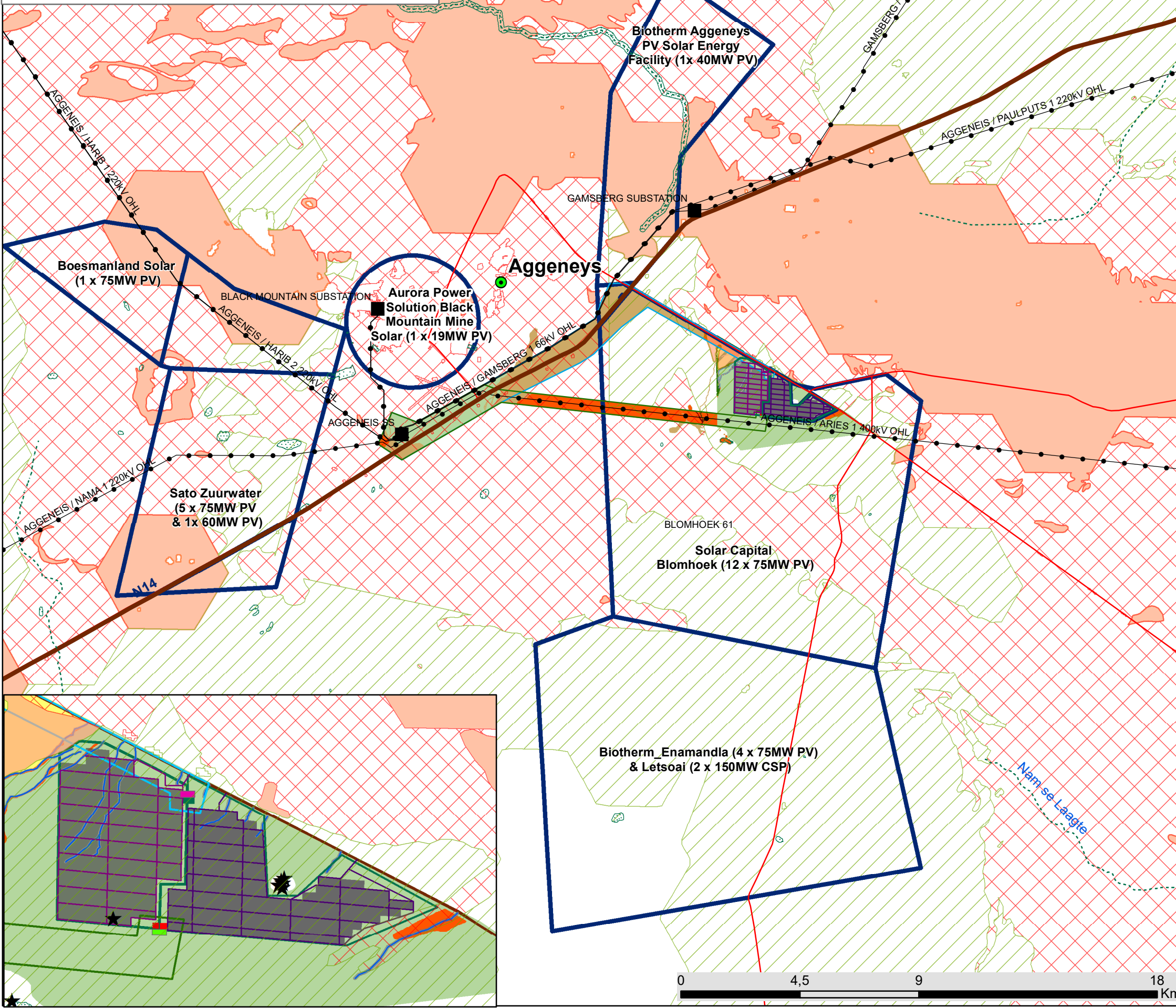


Scale: 1:8 847
 Projection: LO19
 Map Ref: Aggeneys 1 PV - Sensitivity & Pref. Layout Map - 10.04.19



Aggeneys 1 - 100MW Solar Facility and associated infrastructure, Northern Cape

Environmental Sensitivity Map



Legend

- Town
- Eskom Substation
- Perennial River
- Non-perennial River
- National Route
- Existing Power Line
- Main Road
- Other known renewable energy facilities

Layout

- Internal Access Roads
- Collector Station Alternative 1
- Collector Station Alternative 2
- Substation Alternative 1
- Substation Alternative 2
- Power Line Corridor Alternative 1
- Power Line Corridor Alternative 2
- Solar Field
- Project Site (250ha)

Aggeneys 1 & 2 Environmental Sensitivities

- Insignificant Background Heritage Scatter (no impact)
- Ephemeral Watercourse (Medium Freshwater Sensitivity)
- Ephemeral Watercourse 15m Buffer (Medium Freshwater Sensitivity)
- Gravel Plains (High Ecological Sensitivity)
- Wash (Medium Ecological and Avifauna Sensitivity)
- Plains (Low Ecological and Avifauna Sensitivity)
- Road (Transformed Ecological and Avifauna Sensitivity)

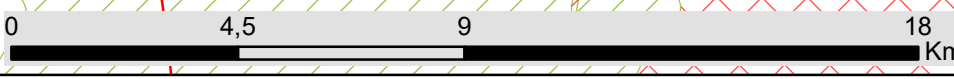
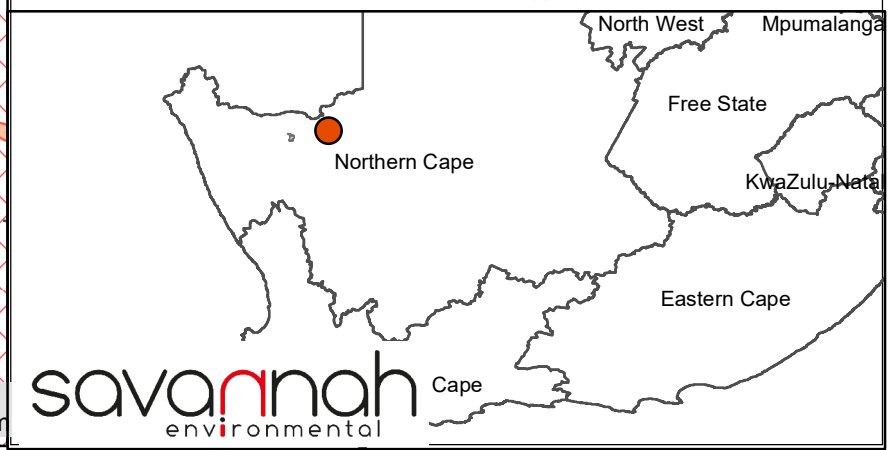
Grid Infrastructure Environmental Sensitivities

- Very High Sensitivity
- High Sensitivity
- Medium Sensitivity
- Low Sensitivity

Formal Sensitivities

- NFEPA Wetlands
- Critical Biodiversity Area One
- Critical Biodiversity Area Two
- Ecological Support Area

Scale: 1:150 000
 Projection: LO19
 Map Ref: Aggeneys 1 PV - Sensitivity Map - 24.05.19



Appendix M: Site Coordinates

Corner point coordinates (Project Site):

Coordinates		
	Latitude (S)	Longitude (E)
01 (Northern most point (moving in a clockwise direction))	29° 16' 14,243" S	18° 56' 4,625" E
02	29° 16' 15,030" S	18° 56' 14,220" E
03	29° 16' 31,056" S	18° 56' 45,298" E
04	29° 17' 8,272" S	18° 56' 44,531" E
05	29° 17' 8,270" S	18° 56' 35,271" E
06	29° 17' 25,037" S	18° 56' 34,720" E
07	29° 17' 21,486" S	18° 55' 56,277" E
08	29° 16' 18,756" S	18° 55' 57,255" E
09	29° 16' 18,201" S	18° 55' 58,914" E
Centre Point	29°16'52,78" S	18°56'22,62" E

Substation Alternative 1 coordinates (preferred Alternative):

Coordinates		
	Latitude (S)	Longitude (E)
Centre Point	29° 17' 23,777" S	18° 56' 33,406" E

Substation Alternative 2 coordinates:

Coordinates		
	Latitude (S)	Longitude (E)
Centre point	29° 16' 36,684" S	18° 56' 44,051" E