

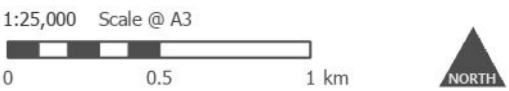
Grid Co-ordinates	Longitude	Latitude
18	026° 59' 42.92779920" E	25° 27' 49.17231360" S
19	027° 00' 49.66554600" E	25° 27' 58.14014040" S
20	027° 00' 55.19754000" E	25° 27' 45.28751760" S
21	027° 01' 15.89783880" E	25° 27' 21.39549840" S
22	027° 01' 22.90630080" E	25° 27' 18.76555080" S

Site Boundary Vertices	Longitude	Latitude
1	026° 59.20717542' E	25° 29.05017096' S
2	026° 59.26310520' E	25° 28.74902580' S
3	027° 00.12061356' E	25° 28.39666740' S
4	027° 00.17196846' E	25° 28.52265078' S
5	026° 59.67751542' E	25° 28.96890102' S
6	026° 59.46191892' E	25° 29.04558780' S
7	026° 59.36319864' E	25° 29.10865938' S
8	026° 59.25341706' E	25° 29.20398480' S
9	026° 59.20717542' E	25° 29.05017096' S
10	026° 59.75745486' E	25° 27.82379796' S
11	027° 00.04665642' E	25° 28.27833510' S
12	026° 59.31090012' E	25° 28.59820800' S
13	026° 59.00761968' E	25° 28.13693502' S
14	026° 59.03415102' E	25° 28.13607780' S
15	026° 58.93453194' E	25° 27.82981104' S
16	026° 58.93096734' E	25° 27.81574890' S
17	026° 59.33922198' E	25° 27.81507222' S



Boeshoek Solar 1 Infrastructure

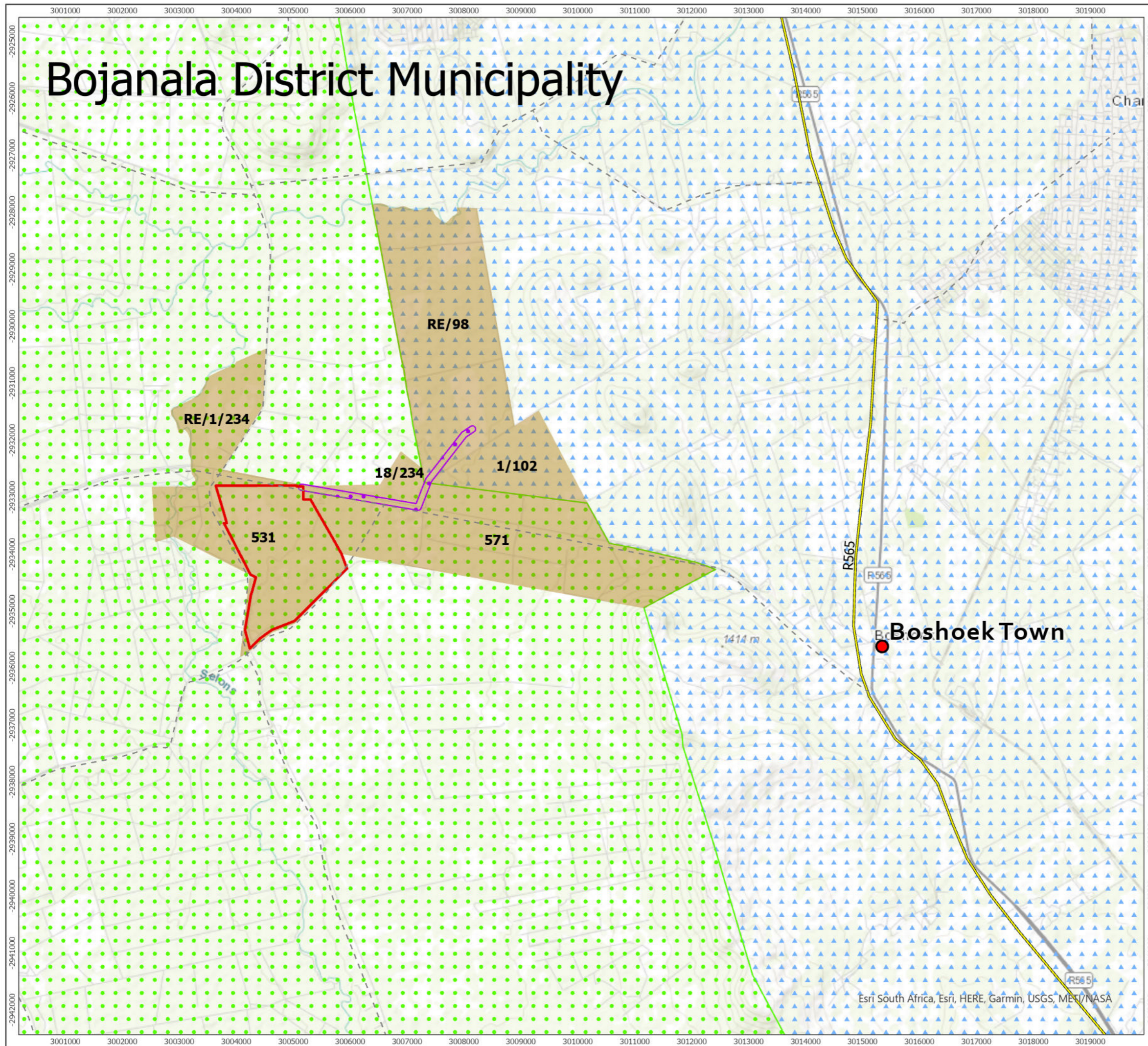
- PV Array
 - Boshhoek Solar 1 Boundary
 - Access Road
 - Site Access
 - Site Boundary Vertices
 - Grid Co-ordinates
- Associated Infrastructure
- Aux Infrastructure
 - Permanent Laydown
 - Laydown
 - Facility Substation
 - Eskom Substation
 - BESS
 - 132kV OHL (100m corridor)
 - Internal Roads
 - - - Minor Roads



Produced By: KM Ref: 0697978-GIS-001
 Checked By: AS Date: 4/11/2024

Proposed Developmental Geographical Co-ordinates
Figure 1

Boshhoek Solar 1 Development S&EIA Report



ERM

- Boshhoek Town
- Boshhoek Solar 1 Boundary**
- 132kV OHL (100m corridor)
- Local Municipalities**
- Kgetlengrivier
- Rustenburg
- Land Portions**
- Land Portions
- Public Roads**
- Secondary Road
- Minor Roads



1:65,000 Scale @ A3

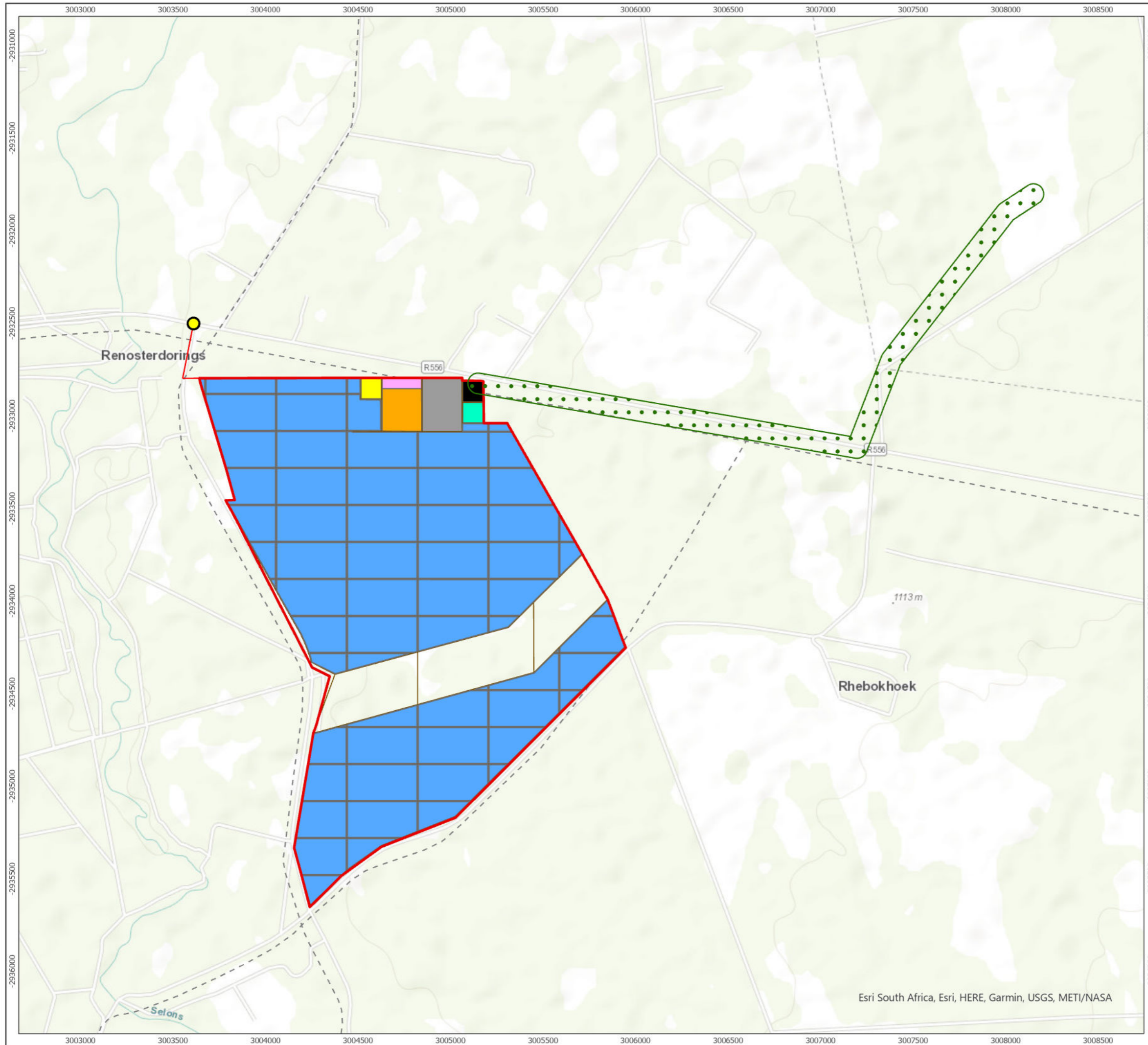
0 1 2 km

NORTH

Produced By: KM	Ref: 0697978-GIS-002
Checked By: AS	Date: 4/11/2024

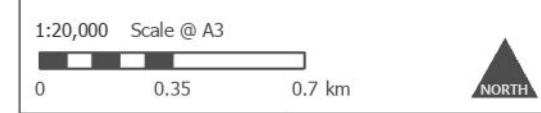
Site Locality Map
Figure 2

G:\SA-GIS\Environment\0697978_Boshhoek_Solar_PV_Cluster_KM\0697978_Boshhoek_Solar_PV_Cluster_KM_Copy.aprx\0697978-GIS-002 Boshhoek SEF 1 Site Locality Map



Boeshoek Solar 1 Infrastructure

- PV Array
- Boshhoek Solar 1 Boundary
- Access Road
- Site Access
- Associated Infrastructure
- Aux Infrastructure
- BESS
- Eskom Substation
- Facility Substation
- Laydown
- Permanent Laydown
- 132kV OHL (100m corridor)
- Internal Roads
- Minor Roads

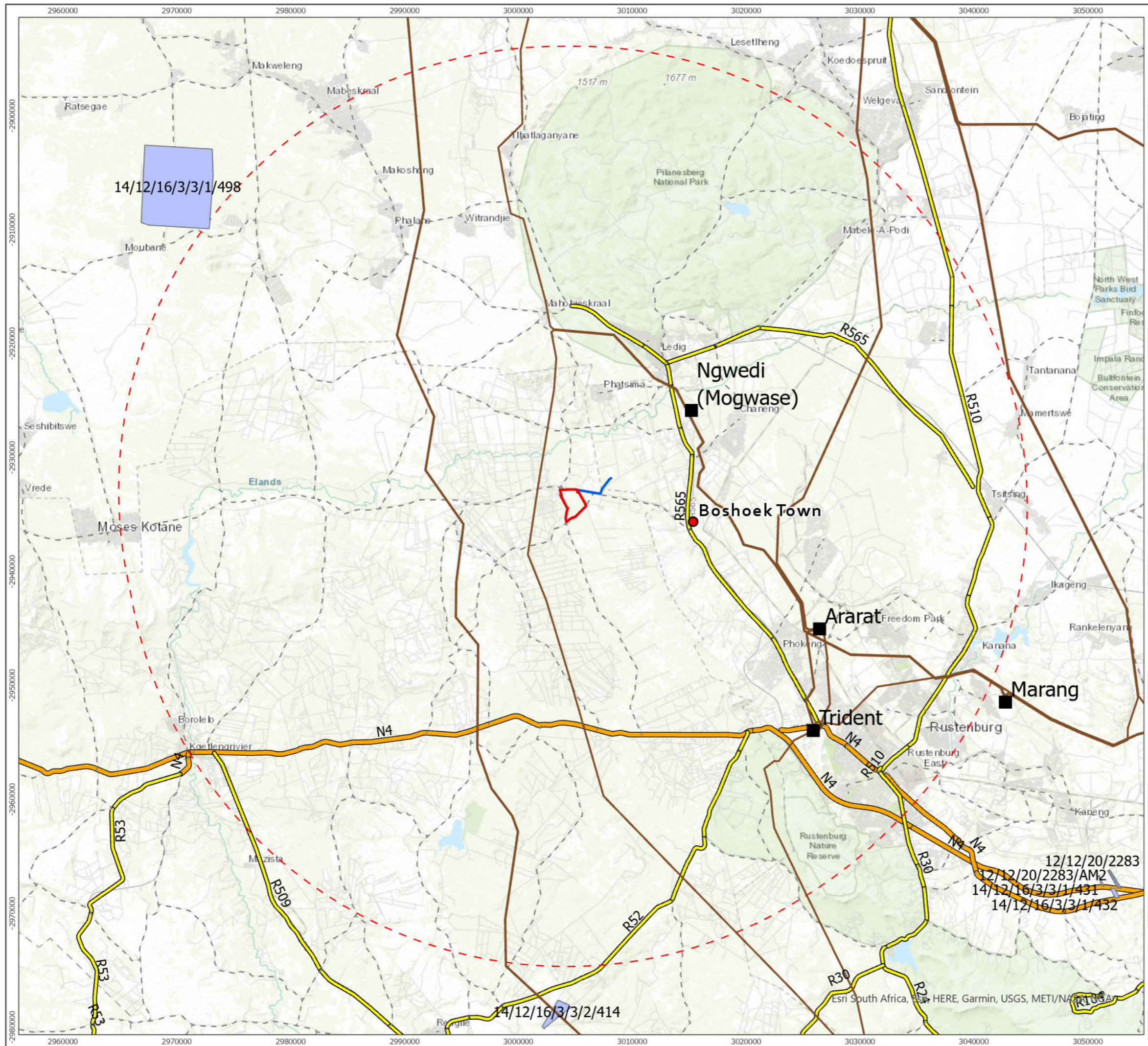


Produced By: KM	Ref: 0697978-GIS-001
Checked By: AS	Date: 4/11/2024

Preferred Site Development Plan
Figure 3

Boshhoek Solar 1 Development S&EIA Report

Esri South Africa, Esri, HERE, Garmin, USGS, METI/NASA



ERM

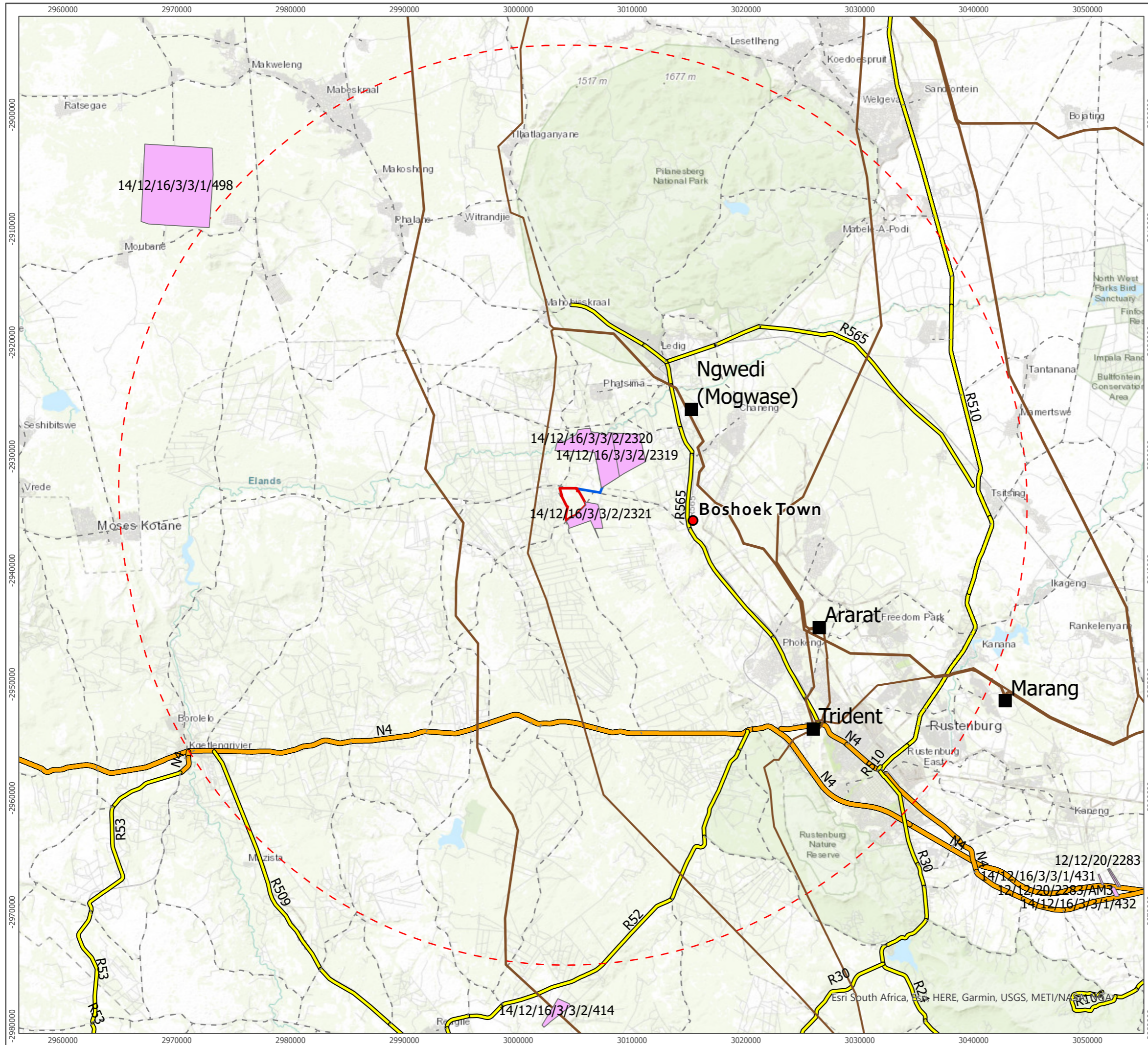
- Boshhoek Solar 1 Boundary**
- 35 km Buffer of Boshhoek Solar 1
- REEA 2023 Q2
- Boshhoek Town
- 132kV OHL (100m corridor)
- Existing Eskom Infrastructure**
- Power Lines
- Main Transmission Substation
- Public Roads**
- Primary Road
- Secondary Road
- Minor Roads

1:325,000 Scale @ A3

Produced By: KM	Ref: 0697978-GIS-004
Checked By: AS	Date: 4/11/2024

**Renewable Energy Projects
within 35 km radius**
Figure 4

**Boshhoek Solar 1 Development
S&EIA Report**



ERM

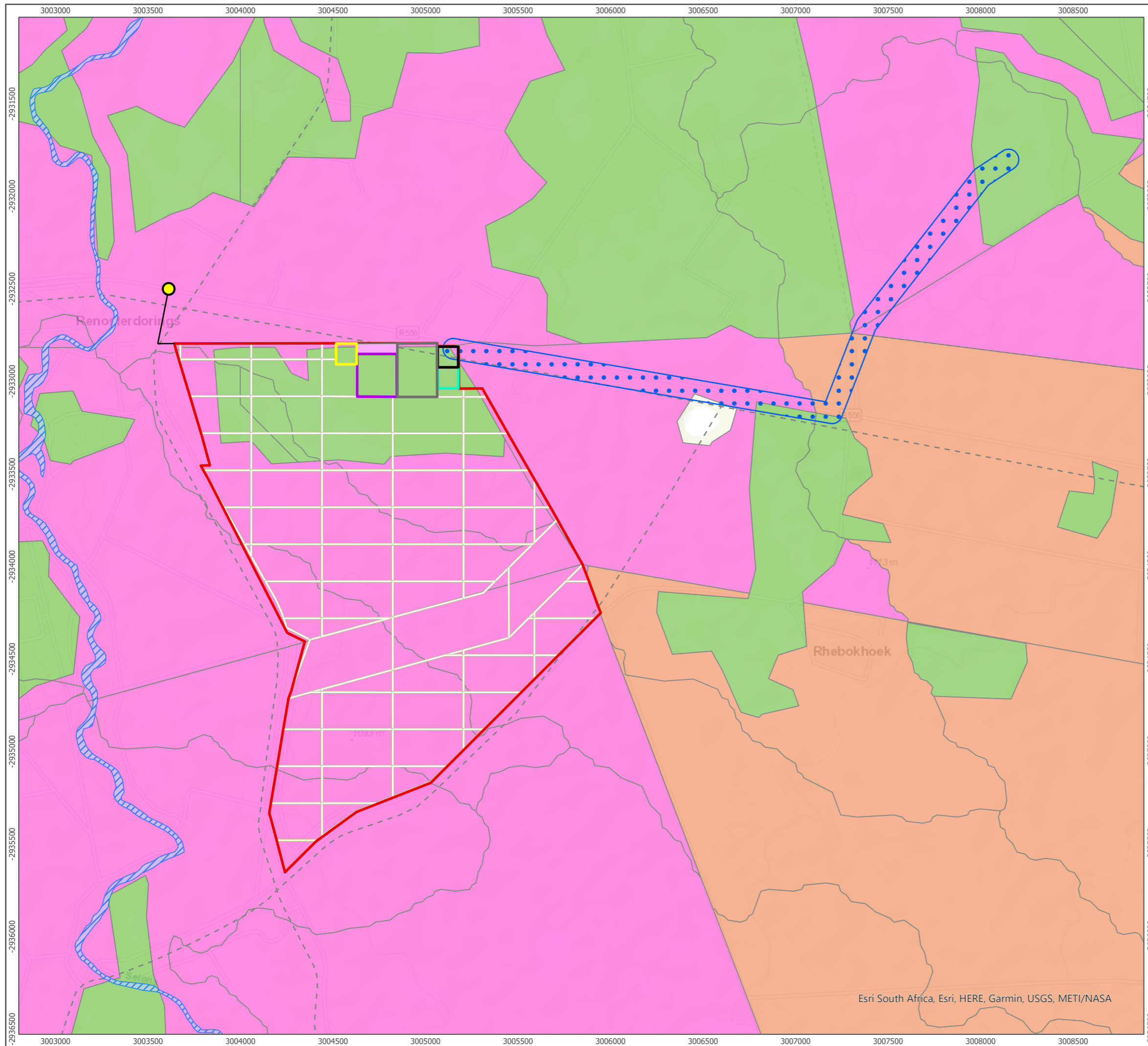
- Boshhoek Solar 1 Boundary**
- 35 km Buffer of Boshhoek Solar 1
- REEA 2024 Q1
- Boshhoek Town
- 132kV OHL (100m corridor)
- Existing Eskom Infrastructure**
- Power Lines
- Main Transmission Substation
- Public Roads**
- Primary Road
- Secondary Road
- Minor Roads

1:325,000 Scale @ A3

Produced By: KM	Ref: 0697978-GIS-004
Checked By: AS	Date: 7/1/2024

**Renewable Energy Projects
within 35 km radius**
Figure 4

**Boshhoek Solar 1 Development
S&EIA Report**



ERM

- Site Access
- Access Road
- Boshhoek Solar 1 Boundary
- Associated Infrastructure**
- Aux Infrastructure
- BESS
- Eskom Substation
- Facility Substation
- Permanent Laydown
- Laydown
- 132kV OHL (100m corridor)
- Internal Roads
- Wetlands**
- Channelled valley-bottom wetland
- Public Roads**
- - - Minor Roads
- Important Ecological Areas**
- Critical Biodiversity Area 2
- Ecological Support Area 1
- Ecological Support Area 2

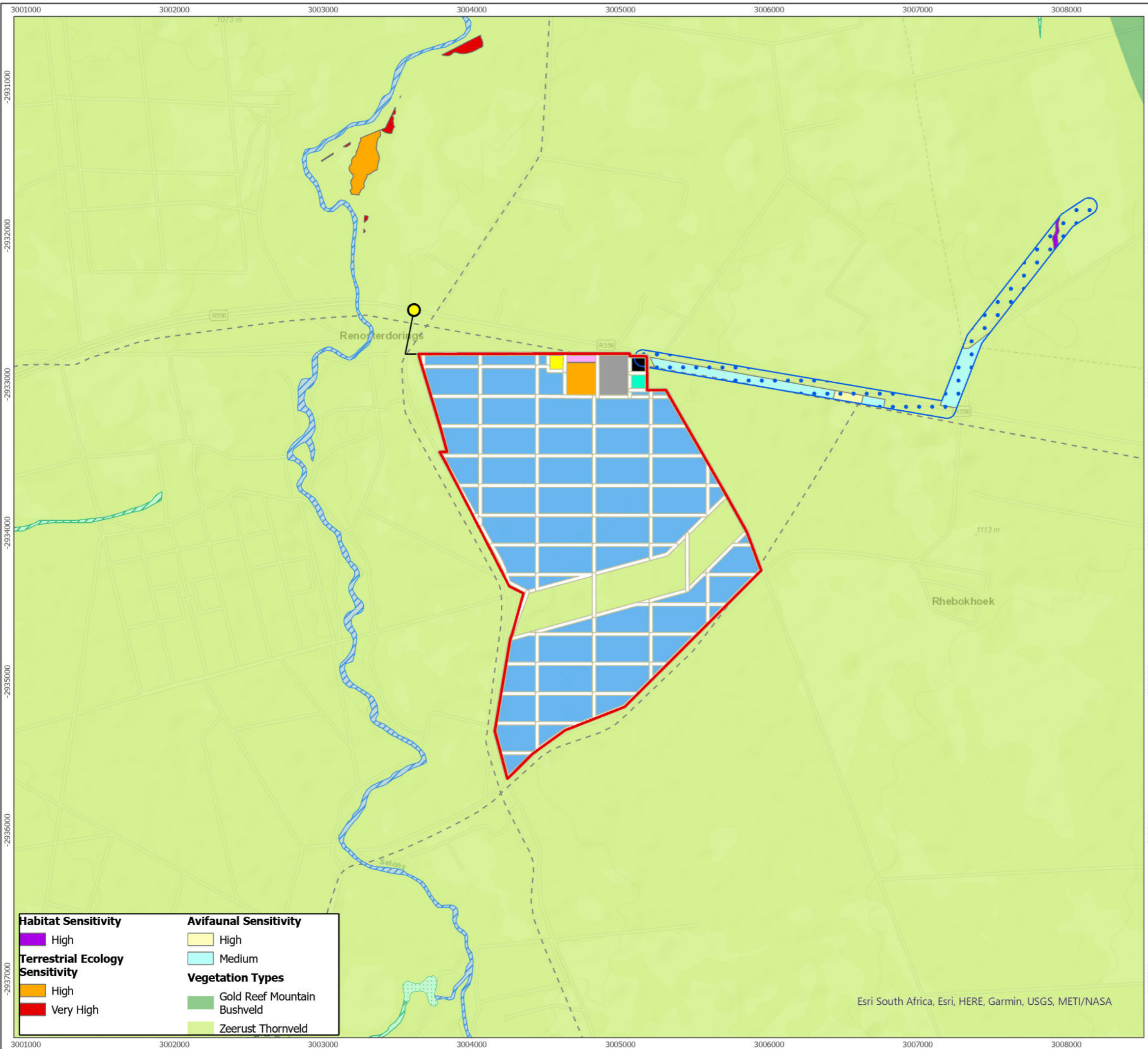
1:20,000 Scale @ A3
 0 0.35 0.7 km ▲ NORTH

Produced By: KM	Ref: 0697978-GIS-006
Checked By: AS	Date: 6/28/2024

Important Ecological Areas
Figure 6

Boshhoek Solar 1 Boundary
S&EIA Report

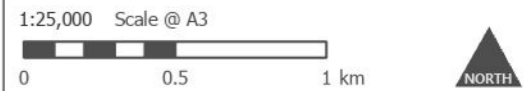
Esri South Africa, Esri, HERE, Garmin, USGS, METI/NASA



Boeshoek Solar 1 Infrastructure

- Boshhoek Solar 1 Boundary
- PV Array
- Site Access
- Access Road
- Associated Infrastructure**
- Permanent Laydown
- Laydown
- Facility Substation
- Eskom Substation
- BESS
- Aux Infrastructure
- 132kV OHL (100m corridor)
- Internal Roads
- Public Roads**
- Minor Roads
- Wetlands**
- Channelled valley-bottom wetland
- Depression wetland
- Seep wetland

Habitat Sensitivity		Avifaunal Sensitivity	
 High	 High	 Medium	
Terrestrial Ecology Sensitivity		Vegetation Types	
 High	 Gold Reef Mountain Bushveld	 Zeerust Thornveld	
 Very High			



Produced By: KM	Ref: 0697978-GIS-007
Checked By: AS	Date: 4/12/2024

Preliminary Sensitivity Map
Figure 7

Boshhoek Solar 1 Development
S&EIA Report

Esri South Africa, Esri, HERE, Garmin, USGS, METI/NASA