








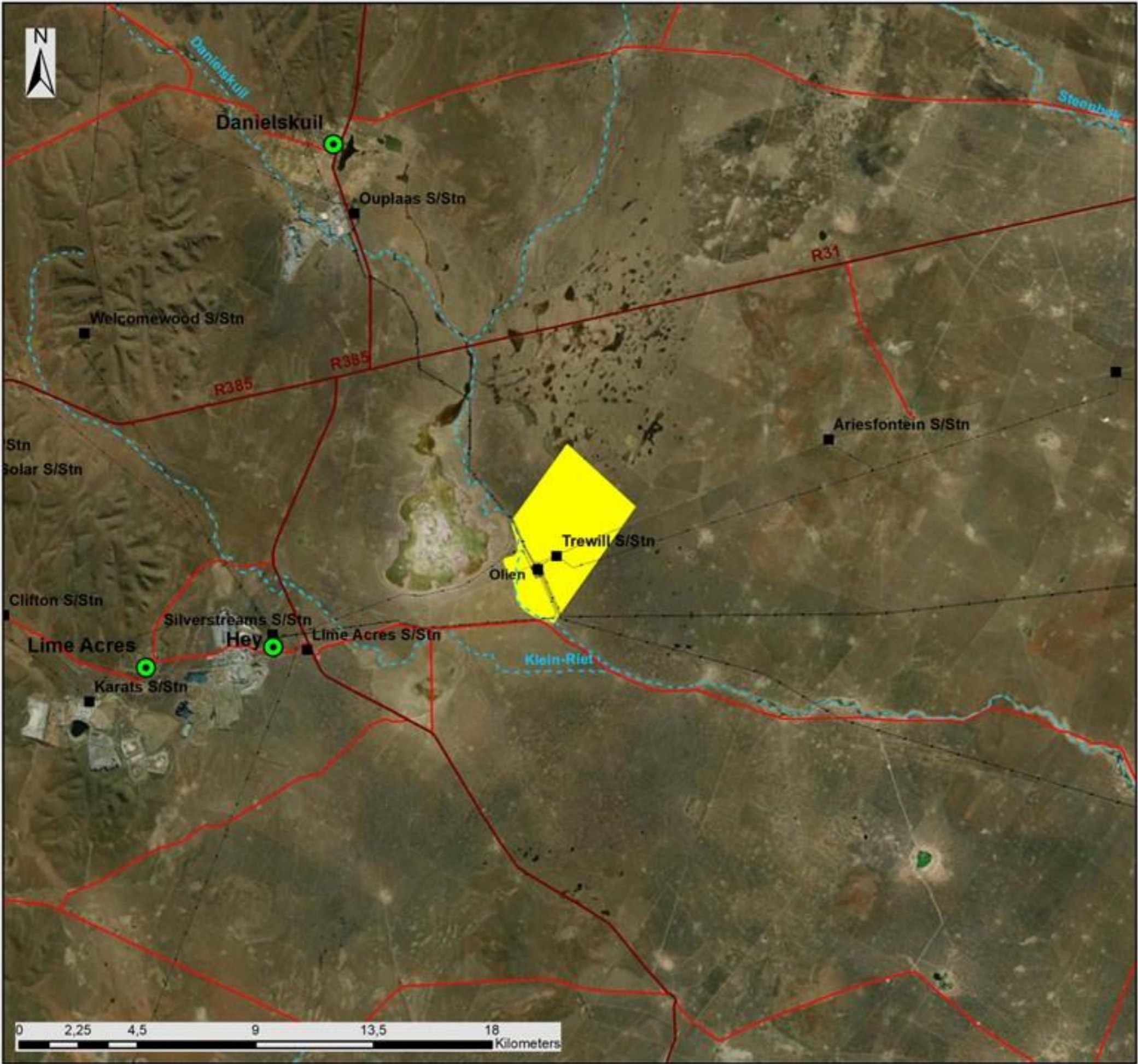


# Limestone PV2 Project Site Northern Cape Province

Locality Map

## Legend

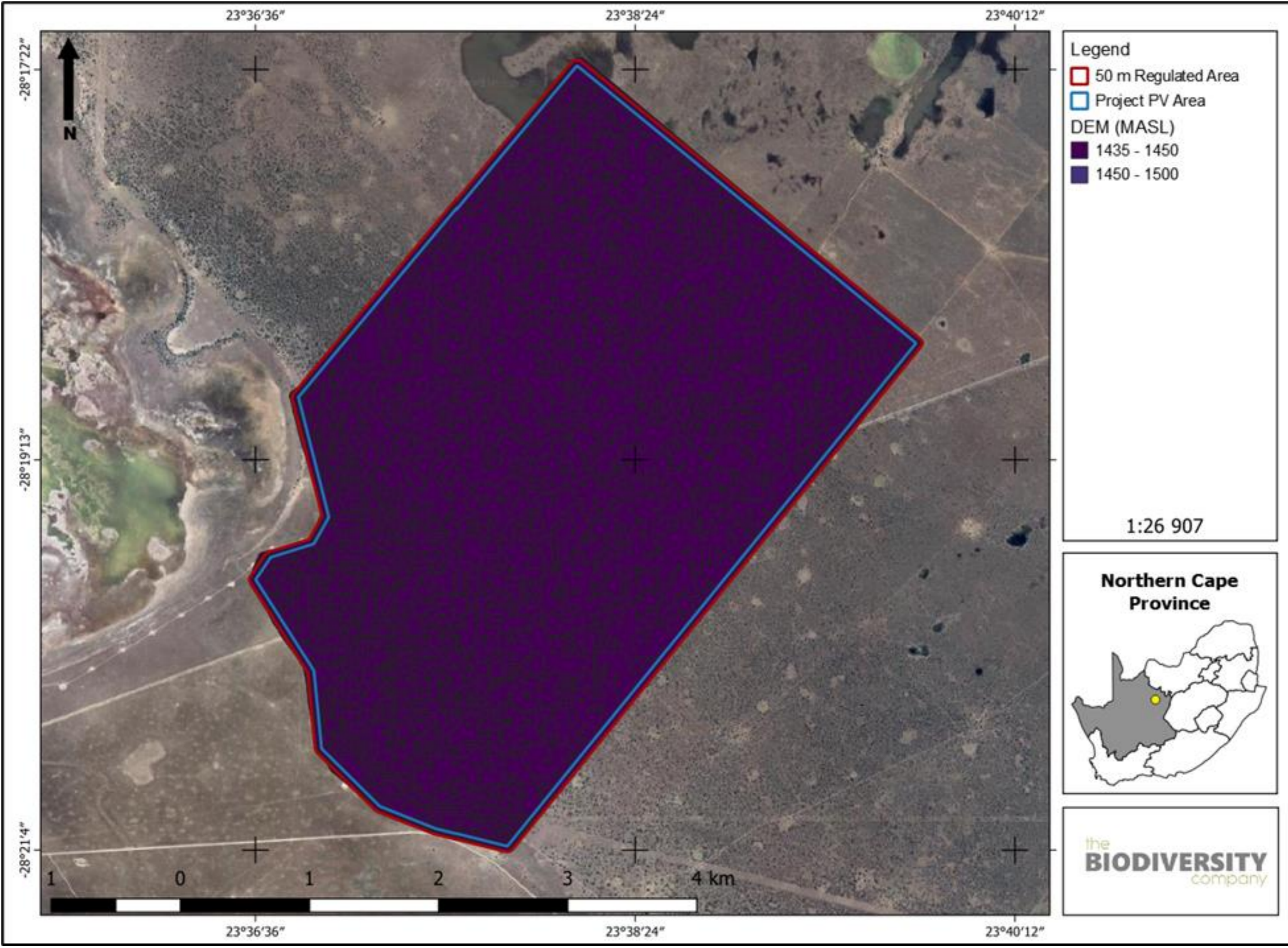
-  Town
-  Existing substations
-  Eskom Power Line (Existing)
-  Regional Road
-  National Road
-  Main Road
-  Perennial River
-  Non Perennial River
-  Limestone PV2 Project Site



Scale: 1:200 000  
Projection: GCS\_WGS\_1984  
Map Ref: Danielskuil REFs - Locality







**Legend**

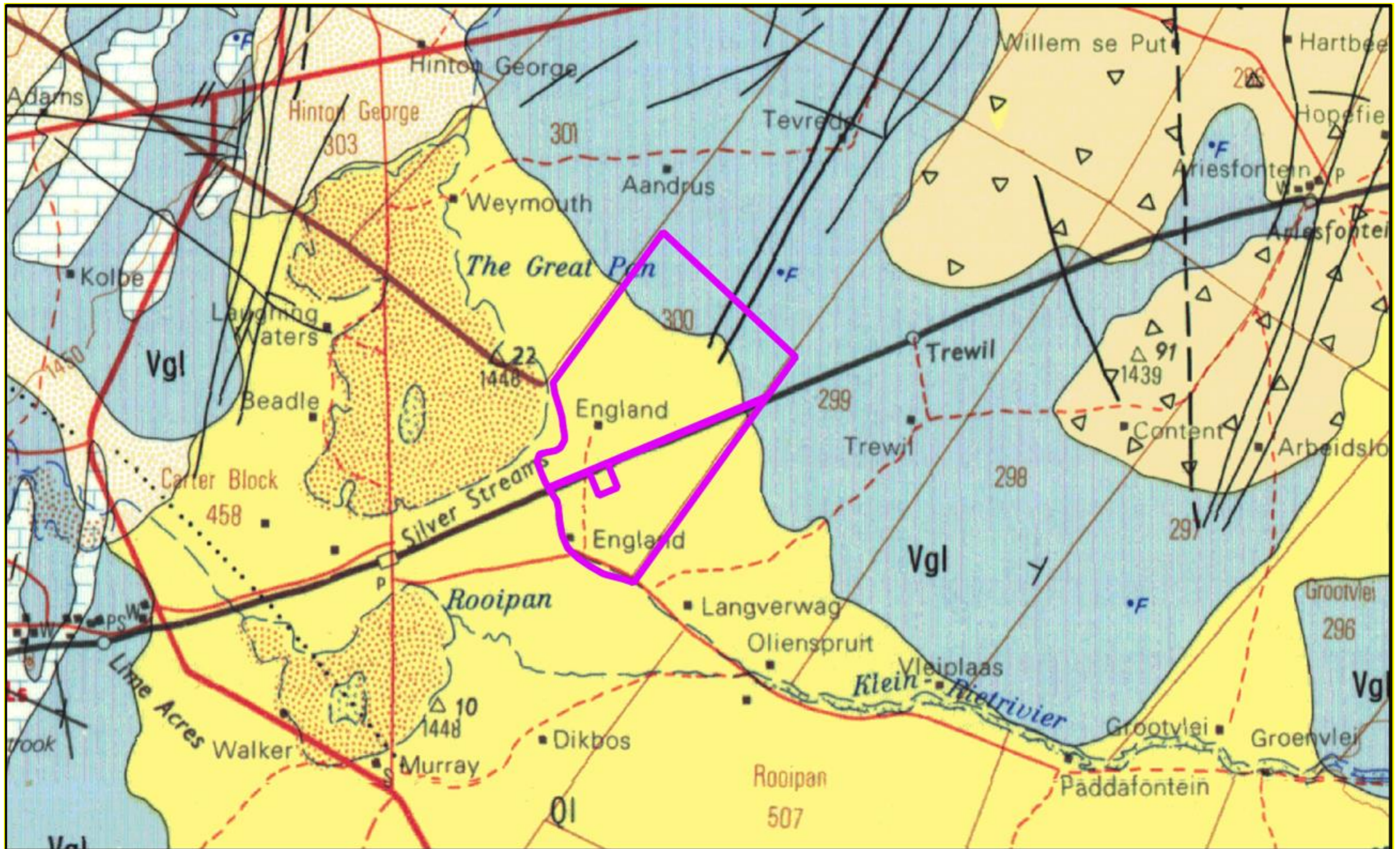
- 50 m Regulated Area
- Project PV Area
- DEM (MASL)
  - 1435 - 1450
  - 1450 - 1500


1:26 907

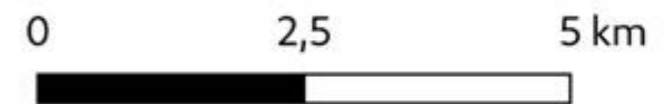
**Northern Cape Province**

the **BIODIVERSITY** company





 Study Area - PV

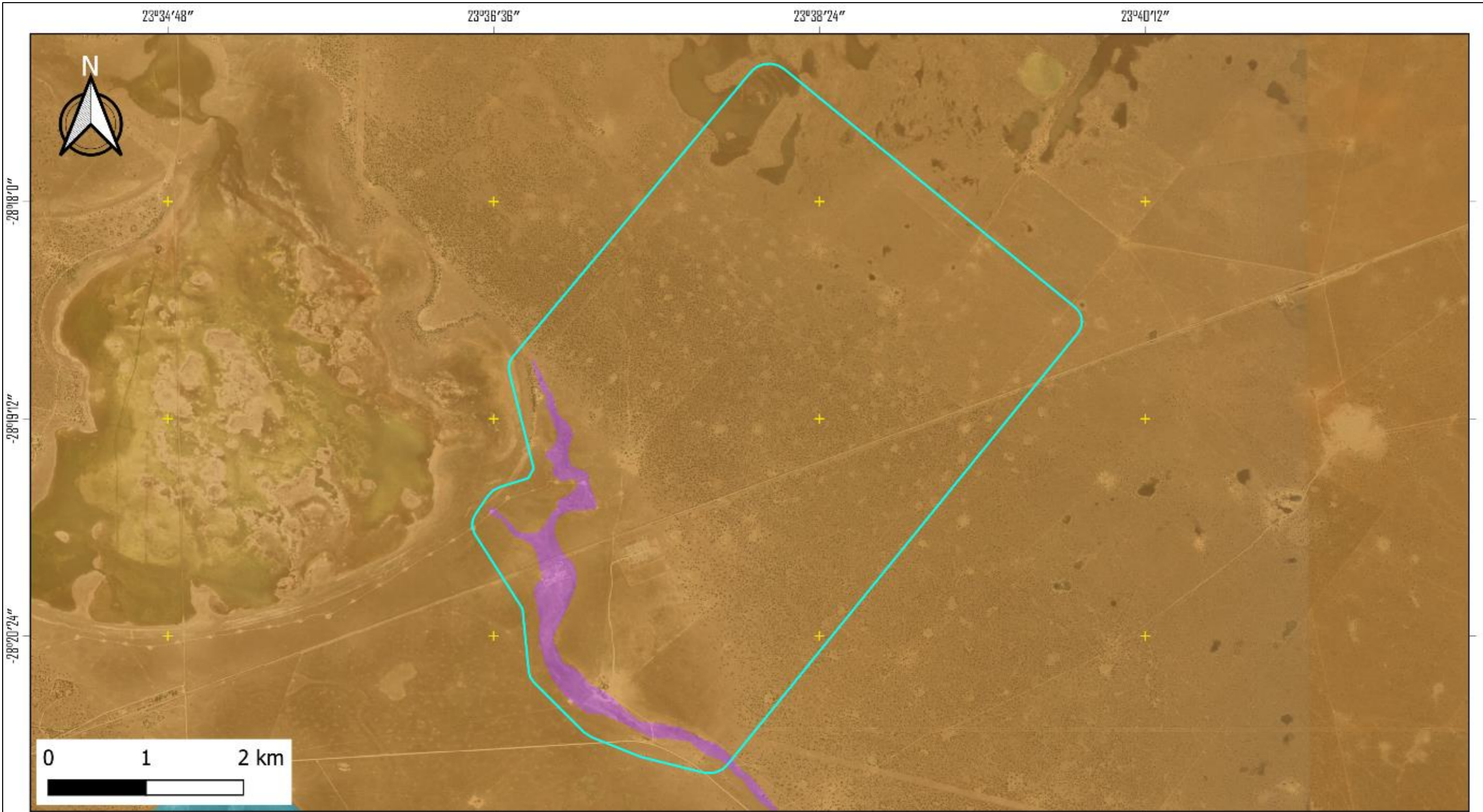


CTS HERITAGE









the **BIODIVERSITY** company

Project: Danielskuil  
 Date: 07/11/2022  
 Compiler: M Erasmus  
 Datum: UTM 34S

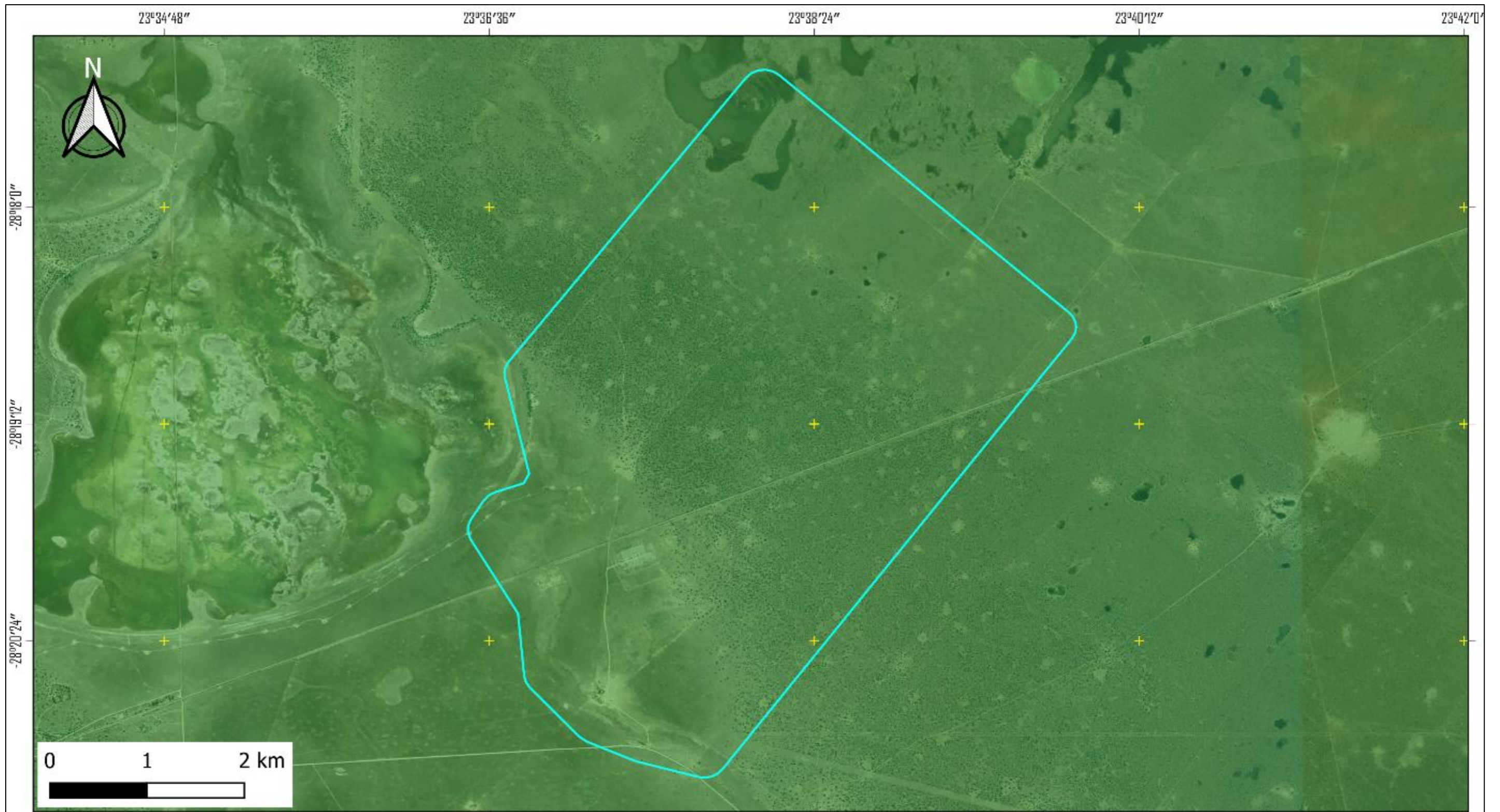
**Legend**

- PAOI SA Veg Map 2018
- Ghaap Plateau Vaalbosveld
- Olifantshoek Plains Thornveld
- Southern Kalahari Mergacha

**Province Context**









the  
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company

Project: Danielskuil  
Date: 07/11/2022  
Compiler: M Erasmus  
Datum: UTM 34S

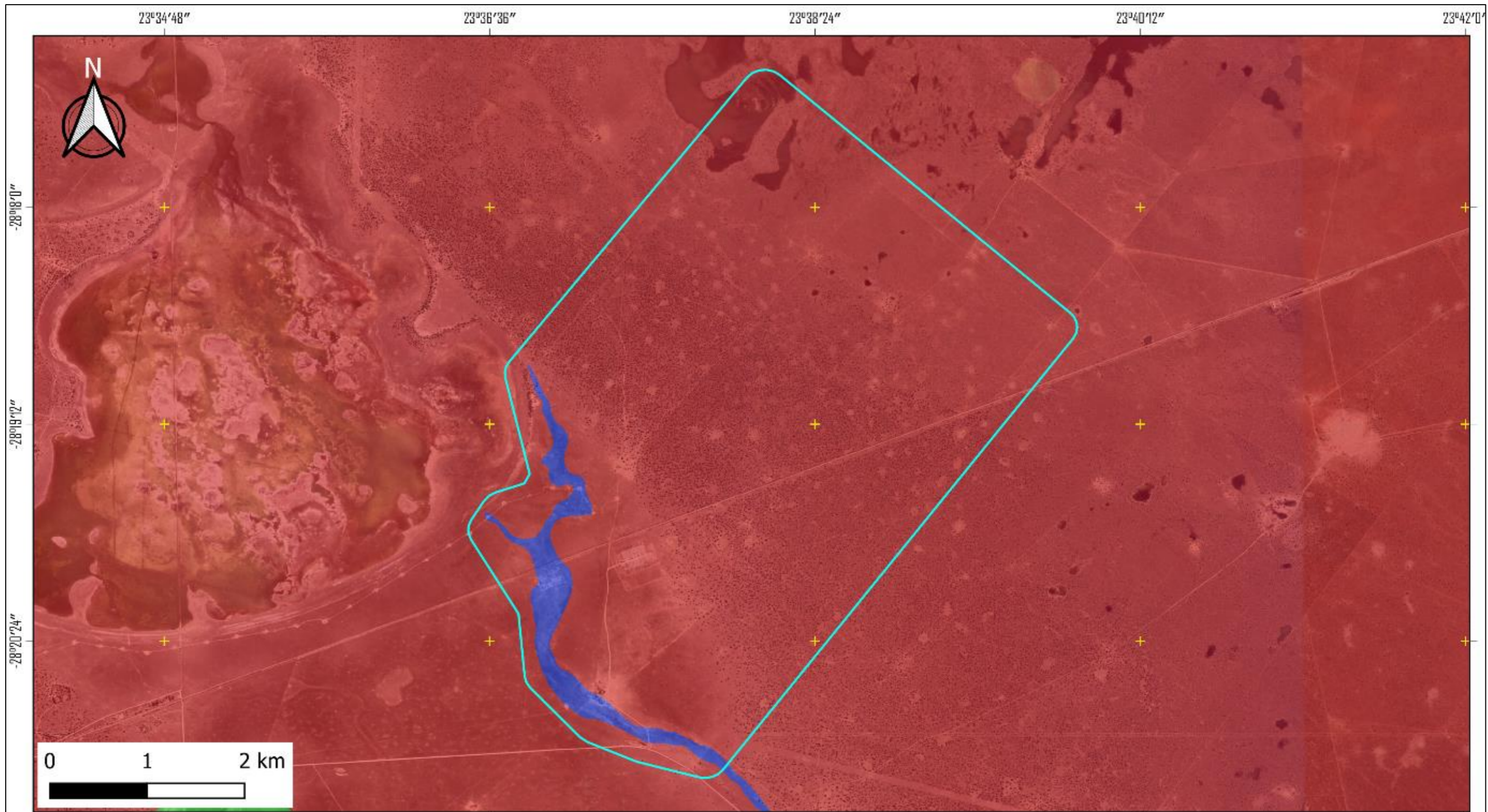
### Legend

-  PAOI
- NBA2018\_Terrestrial\_Threat Status
-  LC

### Province Context







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Project: Danielskuil  
Date: 07/11/2022  
Compiler: M Erasmus  
Datum: UTM 34S

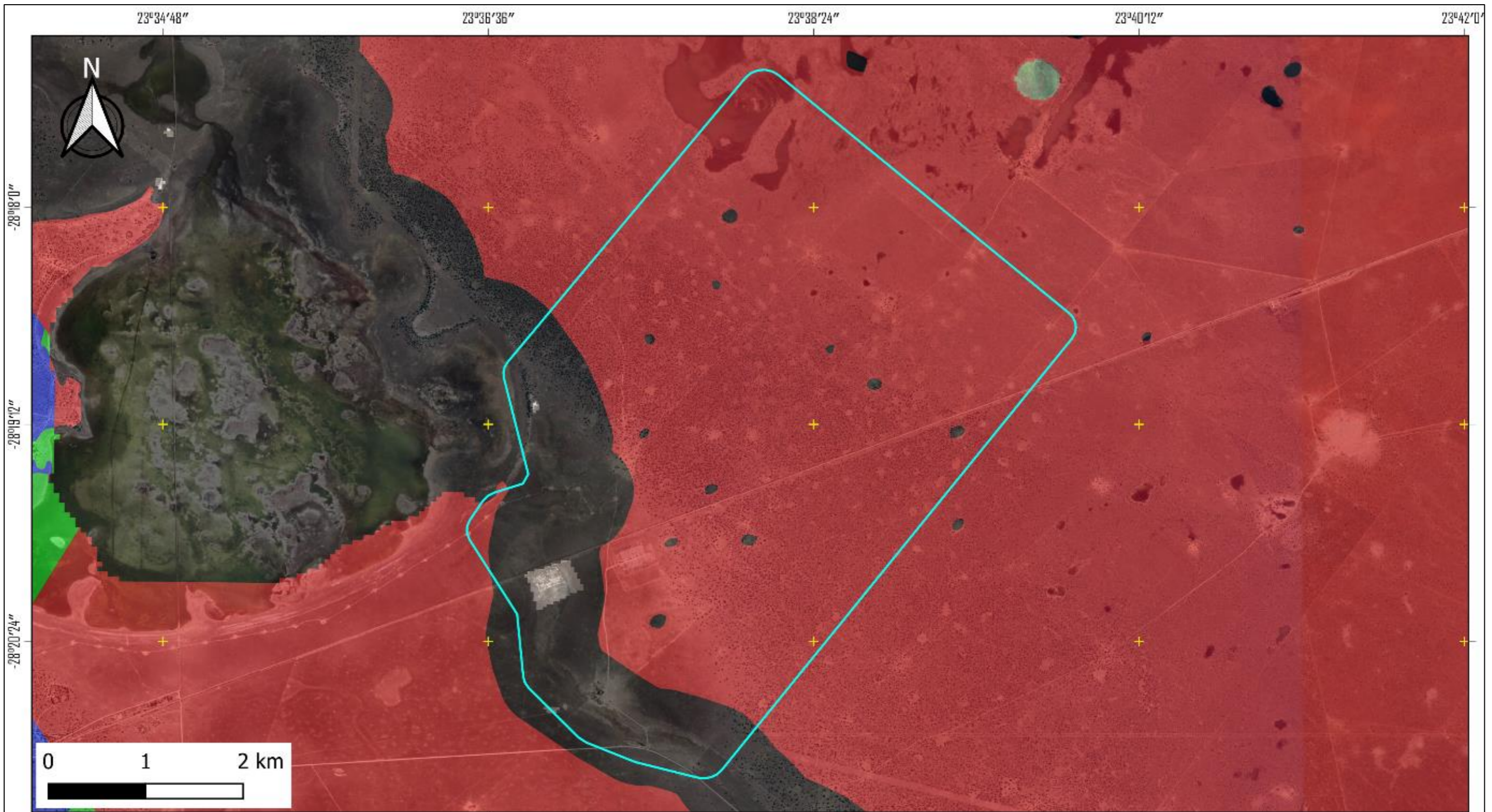
### Legend

- PAOI
- NBA2018\_Terrestrial\_Protection Level
- MP
- NP
- PP

### Province Context







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Project: Danielskuil  
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Compiler: M Erasmus  
Datum: UTM 34S

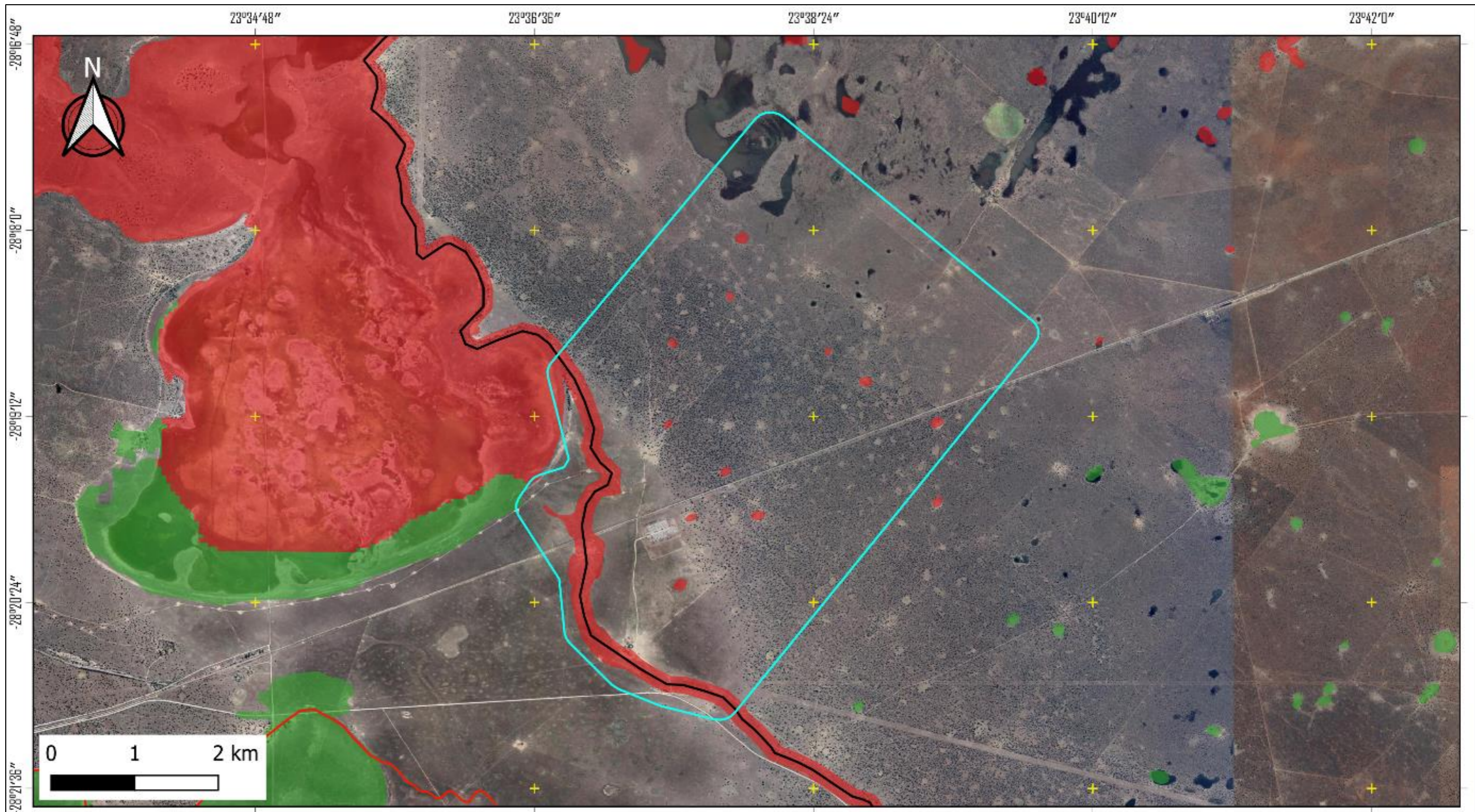
### Legend

- PAOI Northern Cape CBA map
- Critical Biodiversity Area One
- Critical Biodiversity Area Two
- Ecological Support Area
- Other Natural Areas

### Province Context







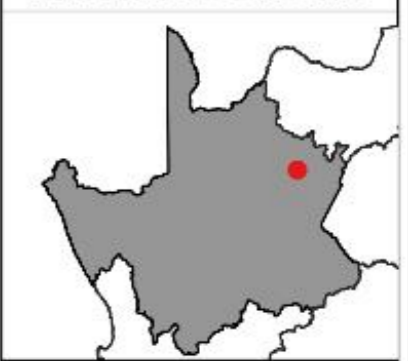
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Date: 07/11/2022  
Compiler: M Erasmus  
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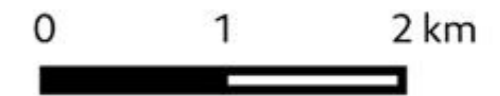
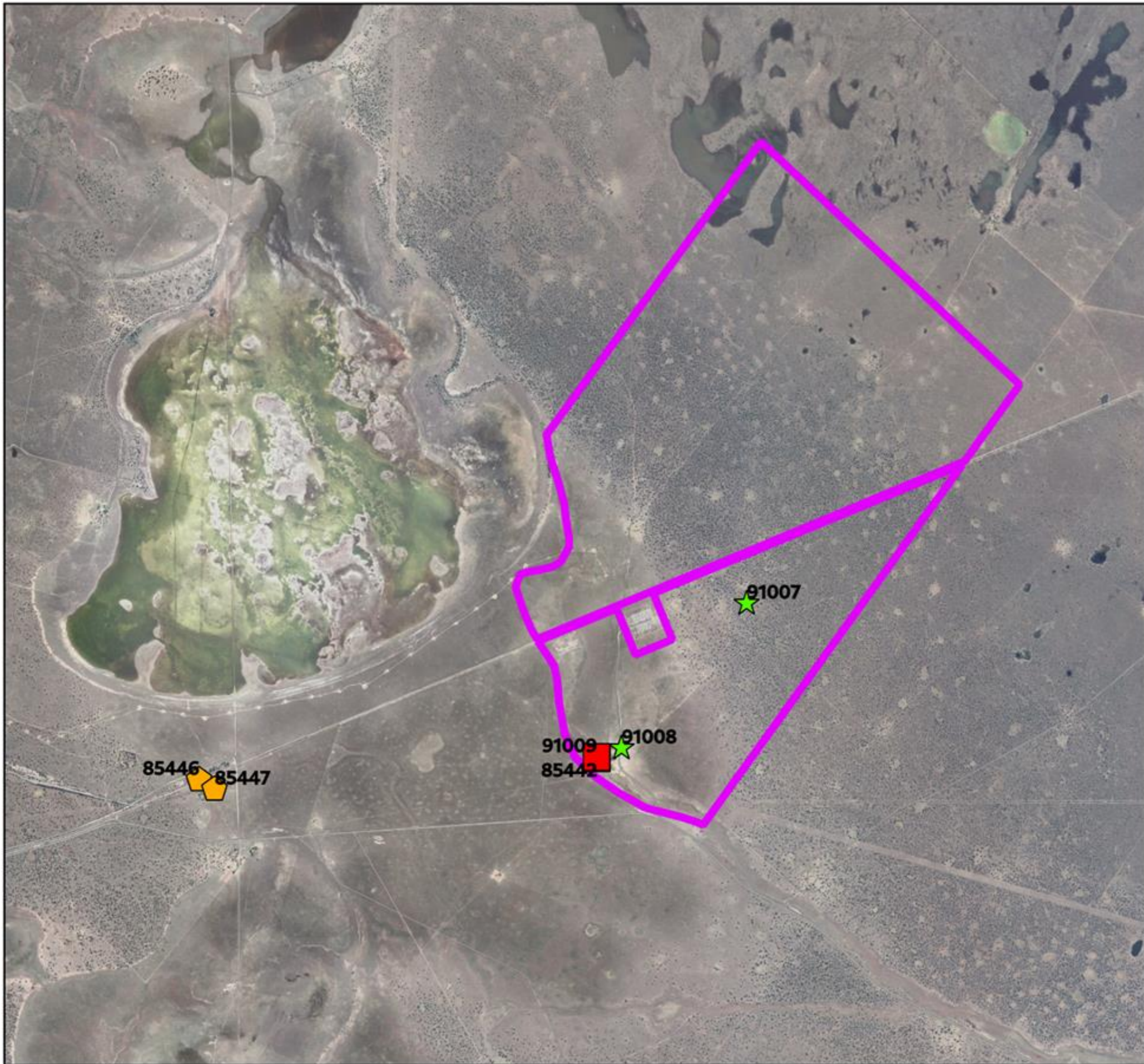
**Legend**

- PAOI
- NFEPA\_Wetlands
- FEPA
- NFEPA Rivers
- 1-Freshwater Ecosystem Priority Area
- 4-Upstream Management Area

**Province Context**





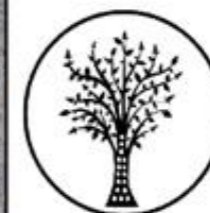


**HERITAGE RESOURCES**

- ☆ Arch, Bat, Geo, Met, Pal, Und
- ⬠ Structures, Monuments & Memorials
- Liv. Heritage/Sacred sites, Burial Grounds and Graves, Natural Place
- △ Conservation Area, Cultural Landscape
- ▭ Study Area

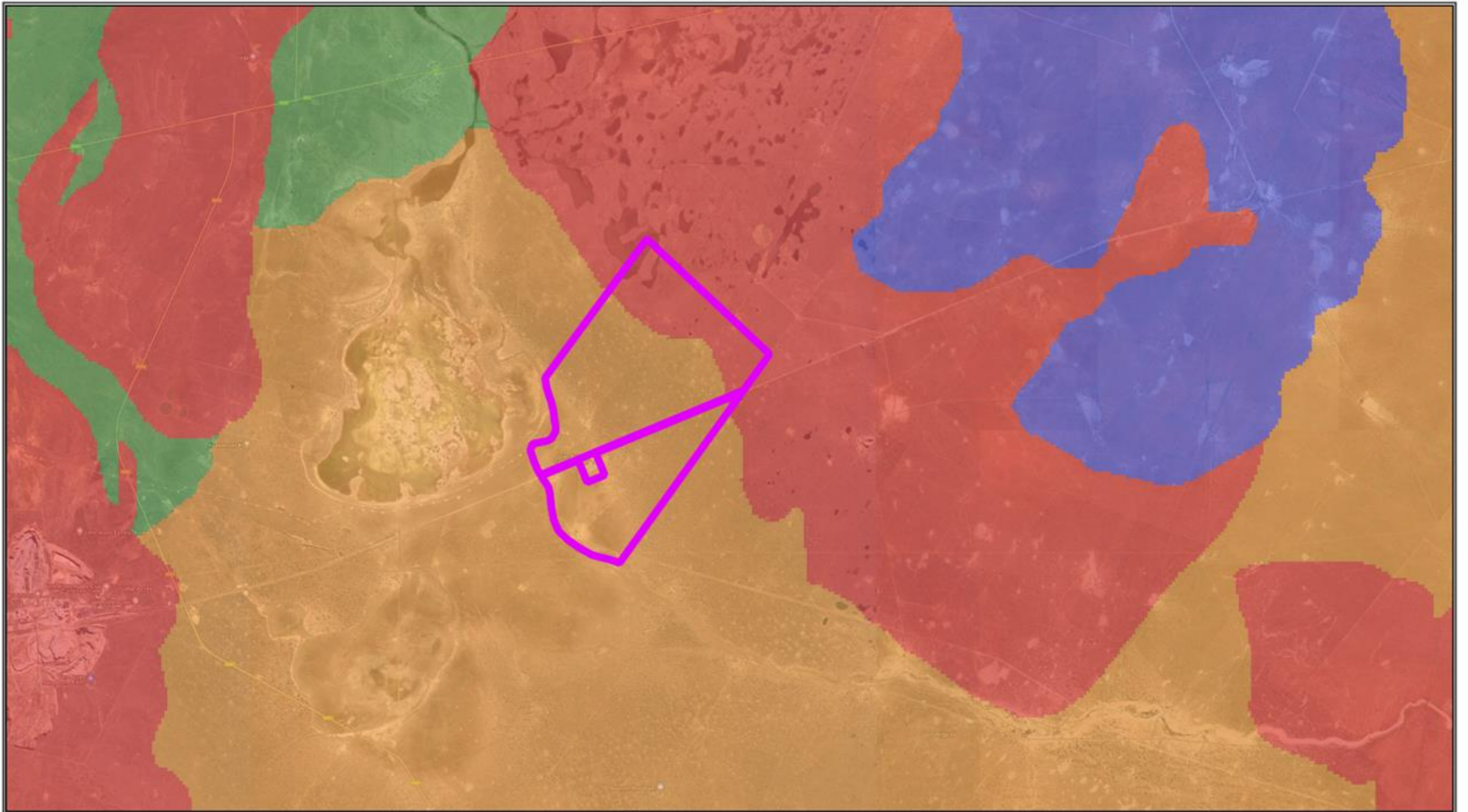
**GRADING**


- |                 |        |
|-----------------|--------|
| <b>DARK RED</b> | I & II |
| <b>RED</b>      | IIIa   |
| <b>ORANGE</b>   | IIIb   |
| <b>GREEN</b>    | IIIc   |



CTS HERITAGE





 Study Area - PV

0 1 2 km

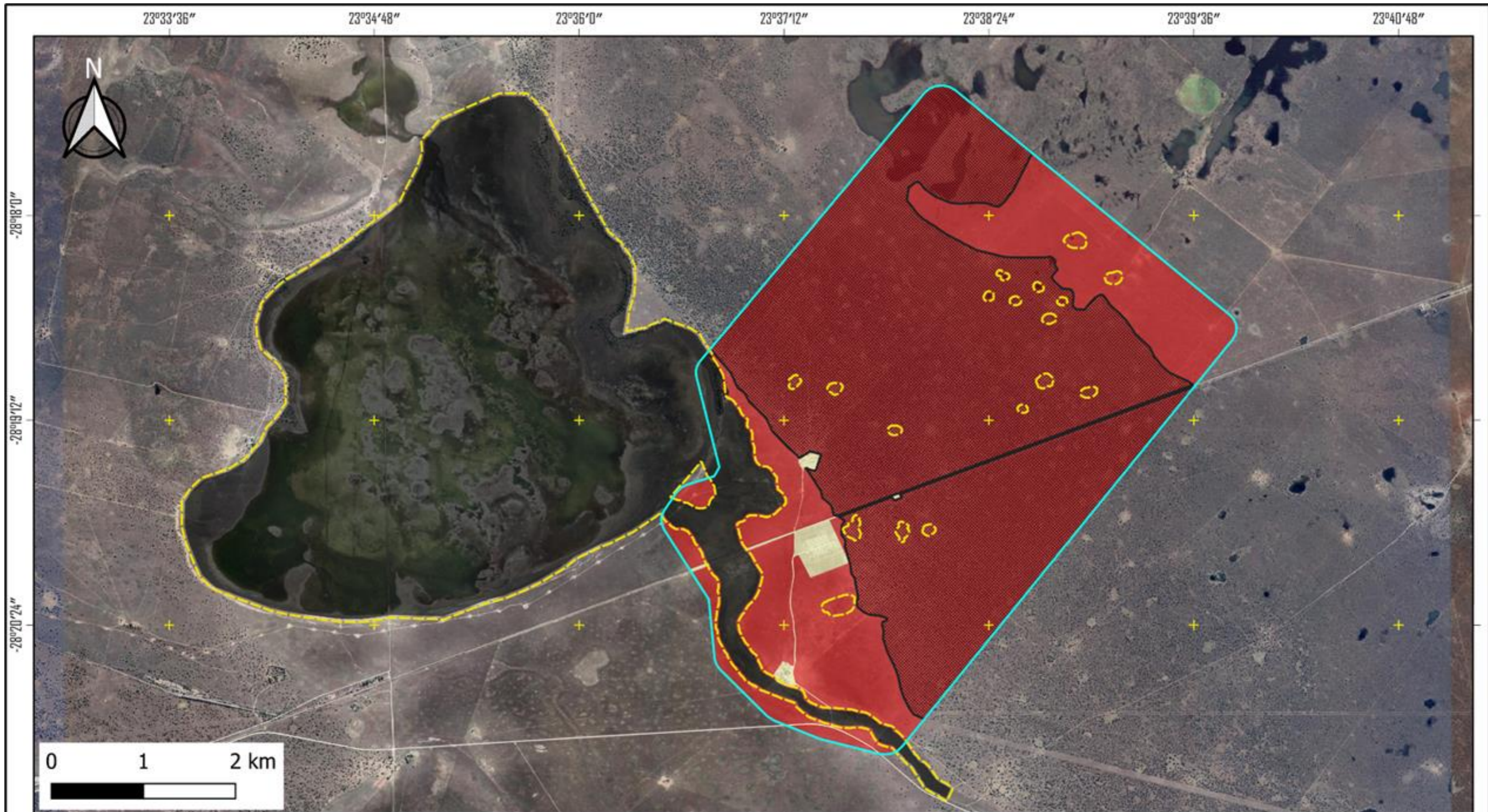


RED	Very high
ORANGE	High
GREEN	Moderate
BLUE	Low
GREY	Insignificant/zero
WHITE	Unknown



CTS HERITAGE







the  
**BIODIVERSITY**  
company

Project: Danielskuil  
Date: 07/11/2022  
Compiler: M Erasmus  
Datum: UTM 34S

### Legend

- |                                                                                                            |                                                                                                 |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  PAOI                   | <b>SEI</b>                                                                                      |
|  Wooded Vaalbosveld     |  Very Low  |
|  Water Resource Buffers |  High      |
|                                                                                                            |  Very High |

### Province Context







the  
**BIODIVERSITY**  
company


Project: Danielskuil  
Date: 14/11/2022  
Compiler: M Schrenk  
Datum: WGS 84

**Legend**


- PV Project Area
- Water Resources Buffer

**SEI**

- Very high
- High
- Very Low



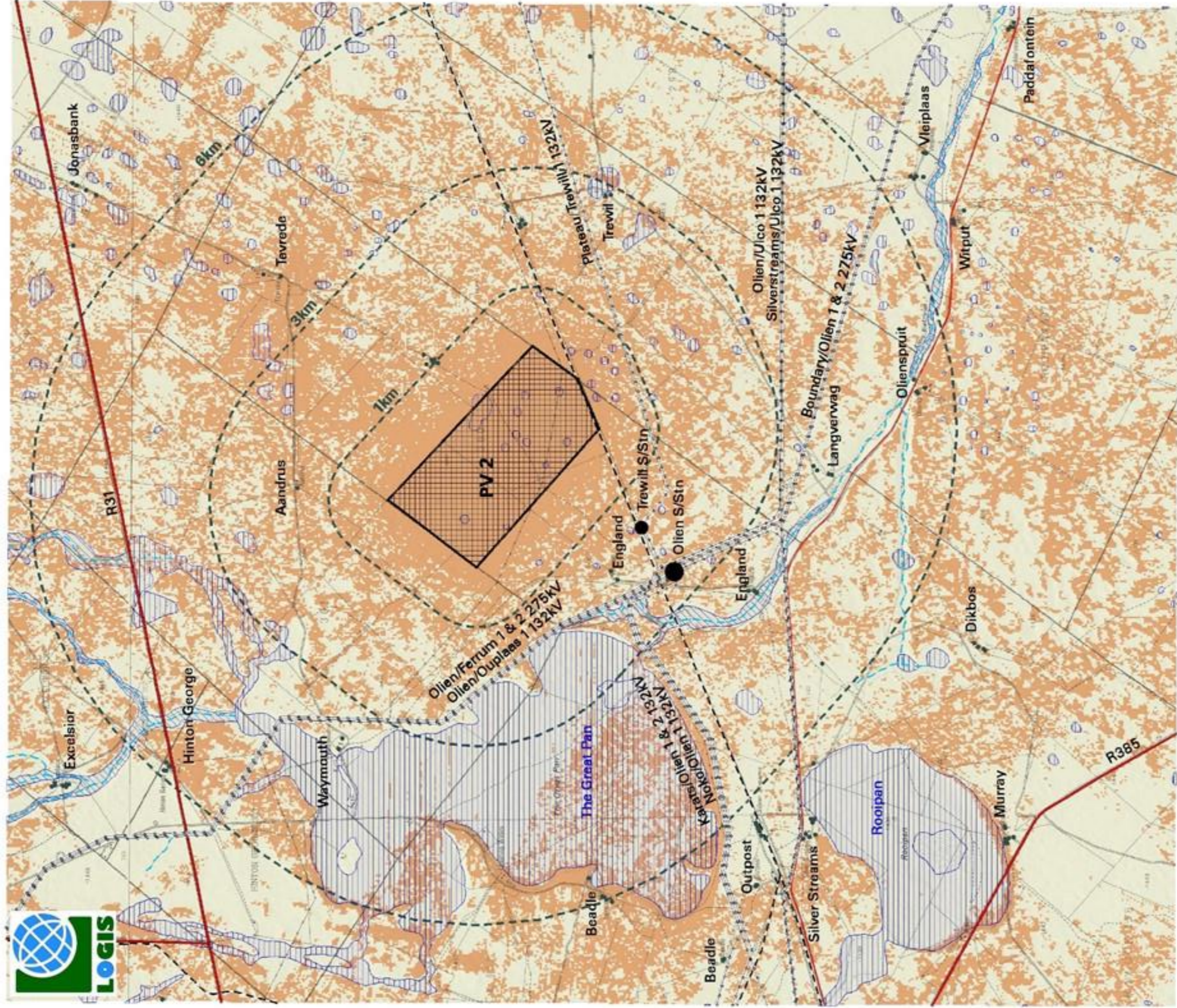
0 0,5 1 km



**Province Context**







**LEGEND**

- Arterial/Main Road
- Secondary Road
- Railway Line
- Power Line
- Substation
- Homestead
- Non-perennial River
- Non-perennial Pan
- Non-perennial Water Course
- Proposed PV Facility

**VISIBILITY ANALYSIS**

- Potentially Visible
- Not Visible
- Observer Proximity (1km, 3km & 6km)

**Note:**

Visibility was calculated at 5m above ground level



**Proposed Limestone PV 2  
Solar Energy Facility**



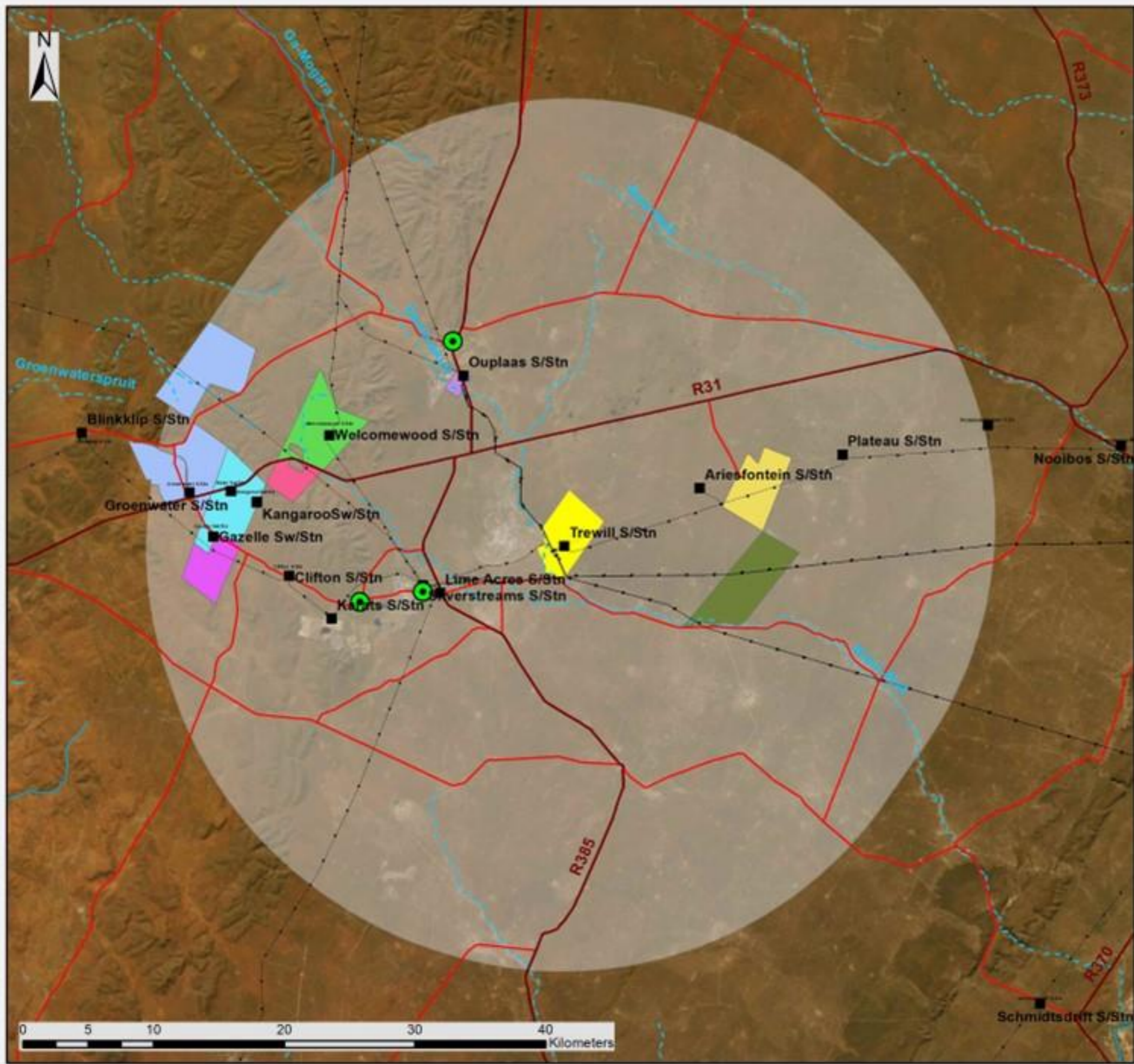
# Limestone PV2 facility Northern Cape Province

## Cumulative Map

### Legend

-  Town
-  Existing substations
-  Eskom Power Line (Existing)
-  Regional Road
-  National Road
-  Main Road
-  Perennial River
-  Non Perennial River
-  Limestone PV2 Project Site
-  100MW Arriesfontein
-  100MW Humanrus CSP
-  Manlenox 2 Project
-  Danielskuil solar photovoltaic facility
-  75MW pv solar power facility
-  Alpha PV Solar Energy Facility
-  75mw Arriesfontein Photovoltaic Solar Power Plants: Phase 1, 2 And 3
-  Photovoltaic Power Station 10mw
-  75 Mw Humansrus Photovoltaic (Pv) 1 Solar Facility
-  PV plant 8MW
-  Welcome Wood PV Power Station 3
-  20MW Manlenox Project
-  19,5MW Acwa Power SolarReserve Redstone PV SEF
-  50 MW Ample Solar Groenwater CSP Facility
-  75mw Arriesfontein Solar PV Power Plants
-  30km Buffer

Scale: 1:400 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Limestone PV1 and PV2 - Cumulative






# Limestone PV2 SEF Project Site Northern Cape Province

Sensitivity Map

## Legend

-  Town
-  Existing substations
-  Eskom Power Line (Existing)
-  Regional Road
-  National Road
-  Main Road
-  Perennial River
-  Non Perennial River
-  No-go areas
-  Constrained for development
-  Preferred for development
-  Limestone PV2 Project Site

Scale: 1:50 000  
Projection: GCS\_WGS\_1984  
Map Ref: Limestone PV1 - Sensitivity

savannah  
environmental

