








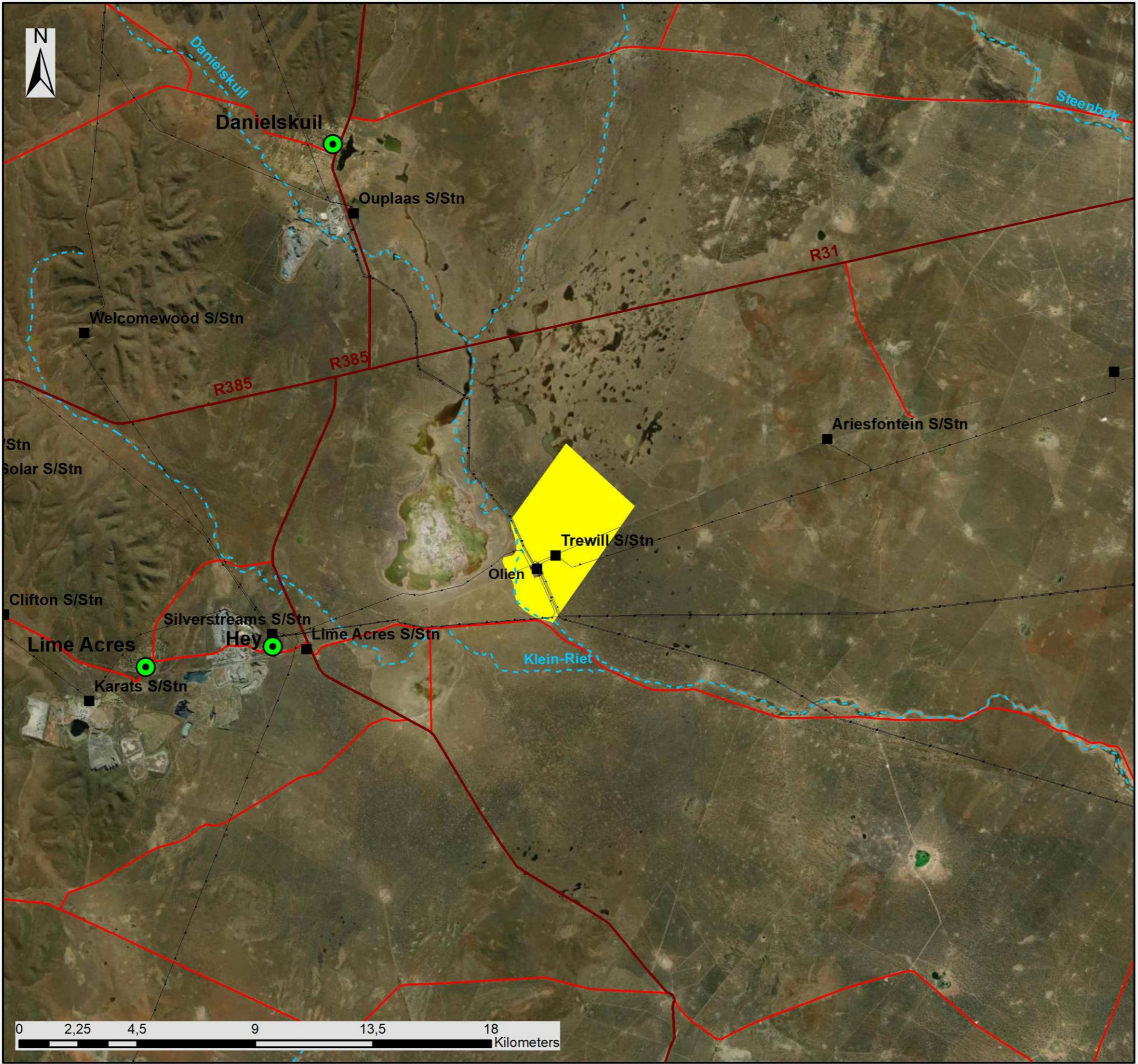


Limestone PV1 Project Site Northern Cape Province

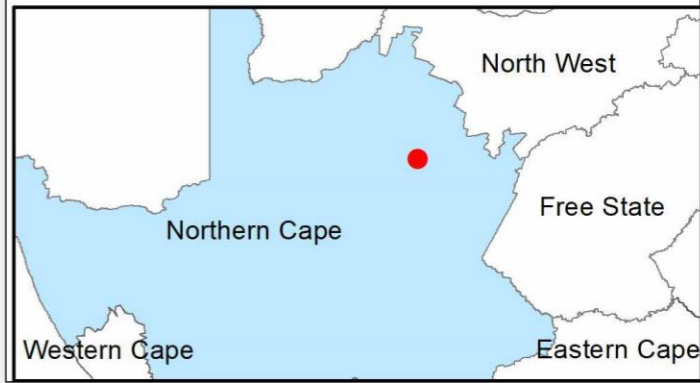
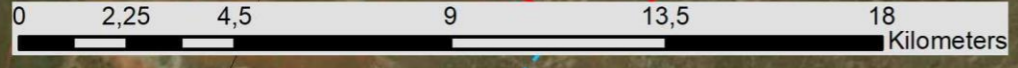
Locality Map

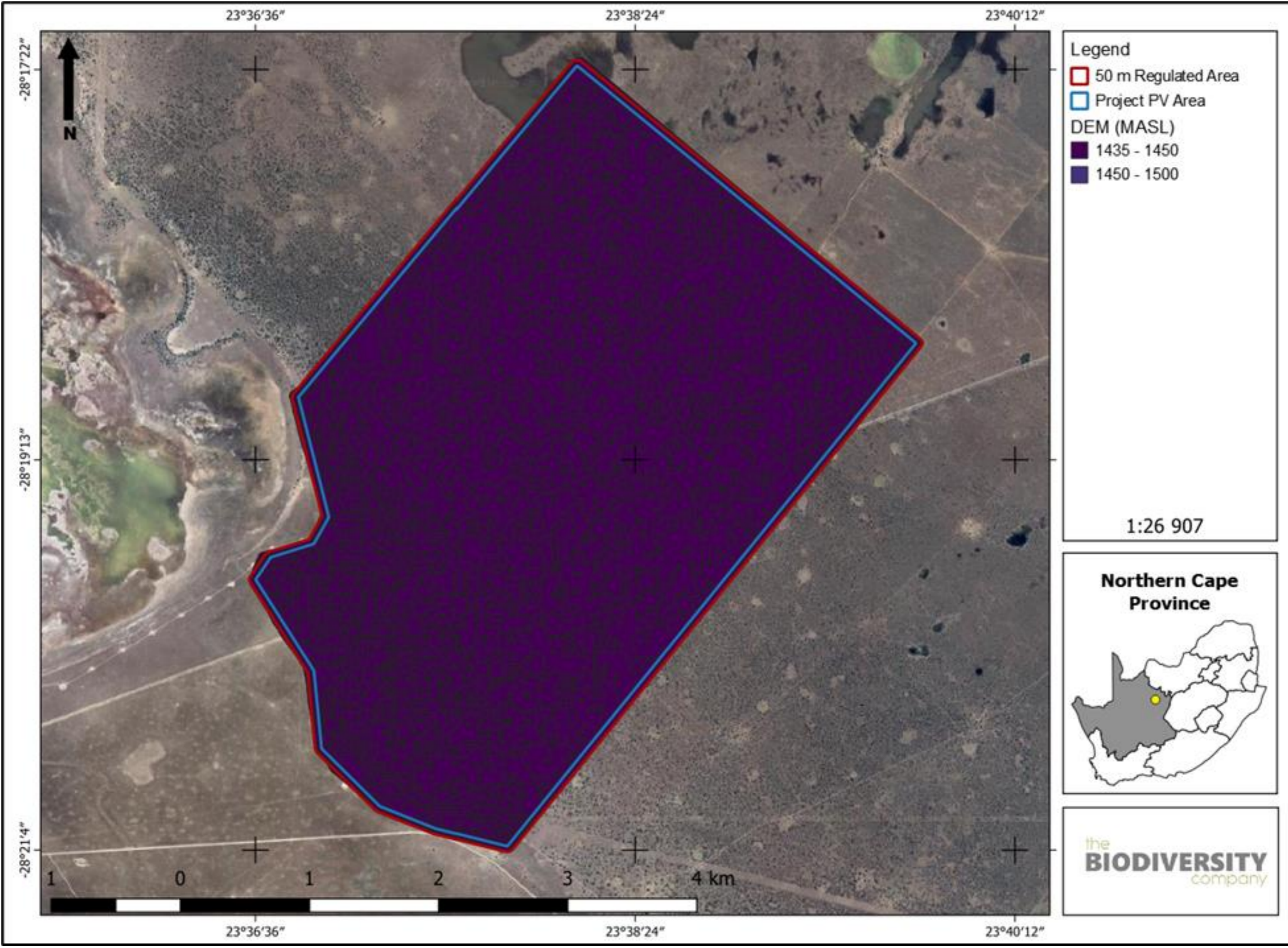
Legend

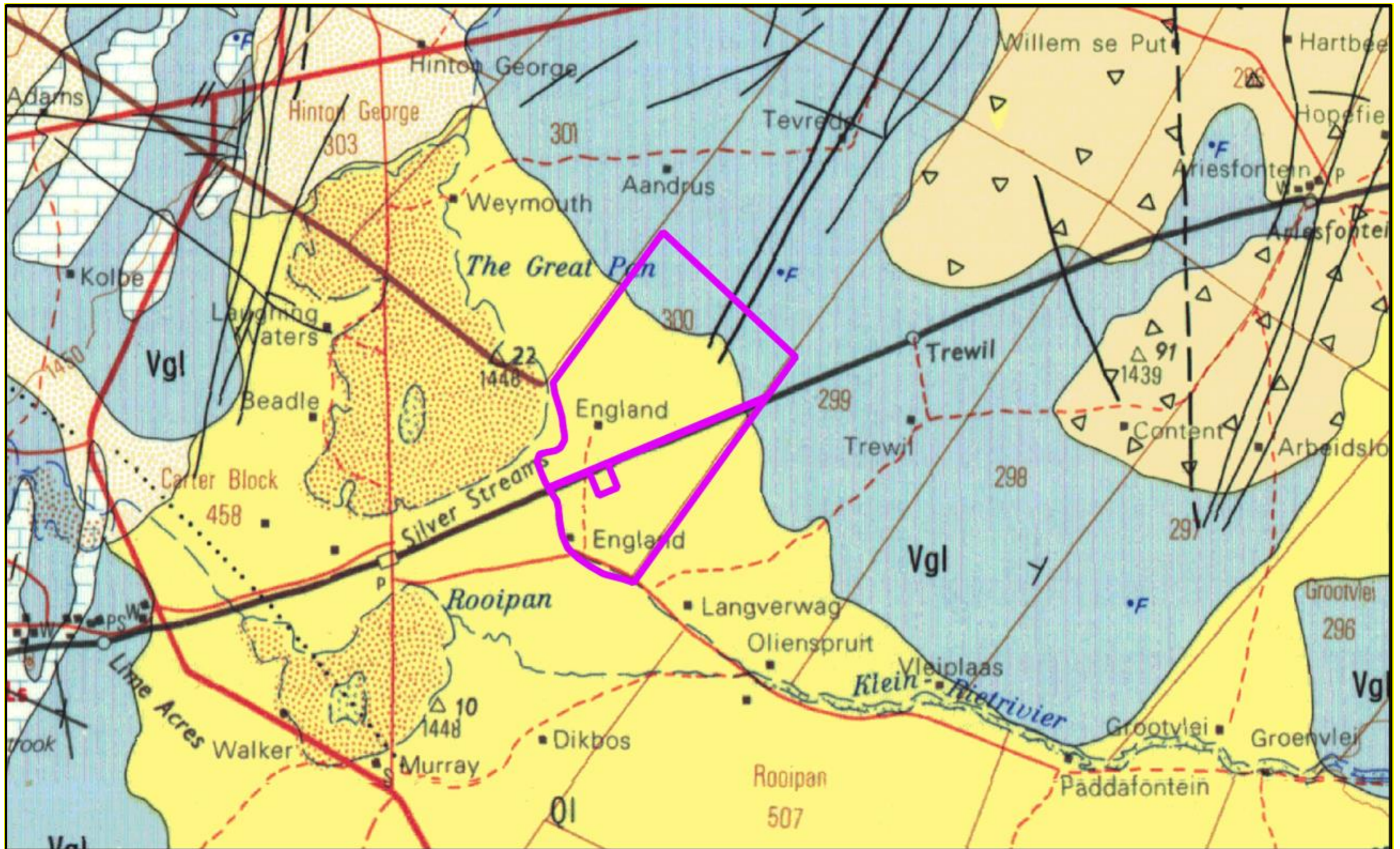
-  Town
-  Existing substations
-  Eskom Power Line (Existing)
-  Regional Road
-  National Road
-  Main Road
-  Perennial River
-  Non Perennial River
-  Limestone PV1 Project Site




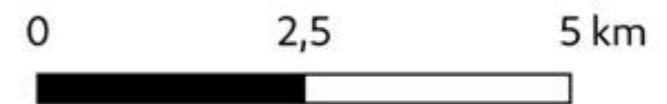
Scale: 1:200 000
 Projection: GCS_WGS_1984
 Map Ref: Danielskuil REFs - Locality





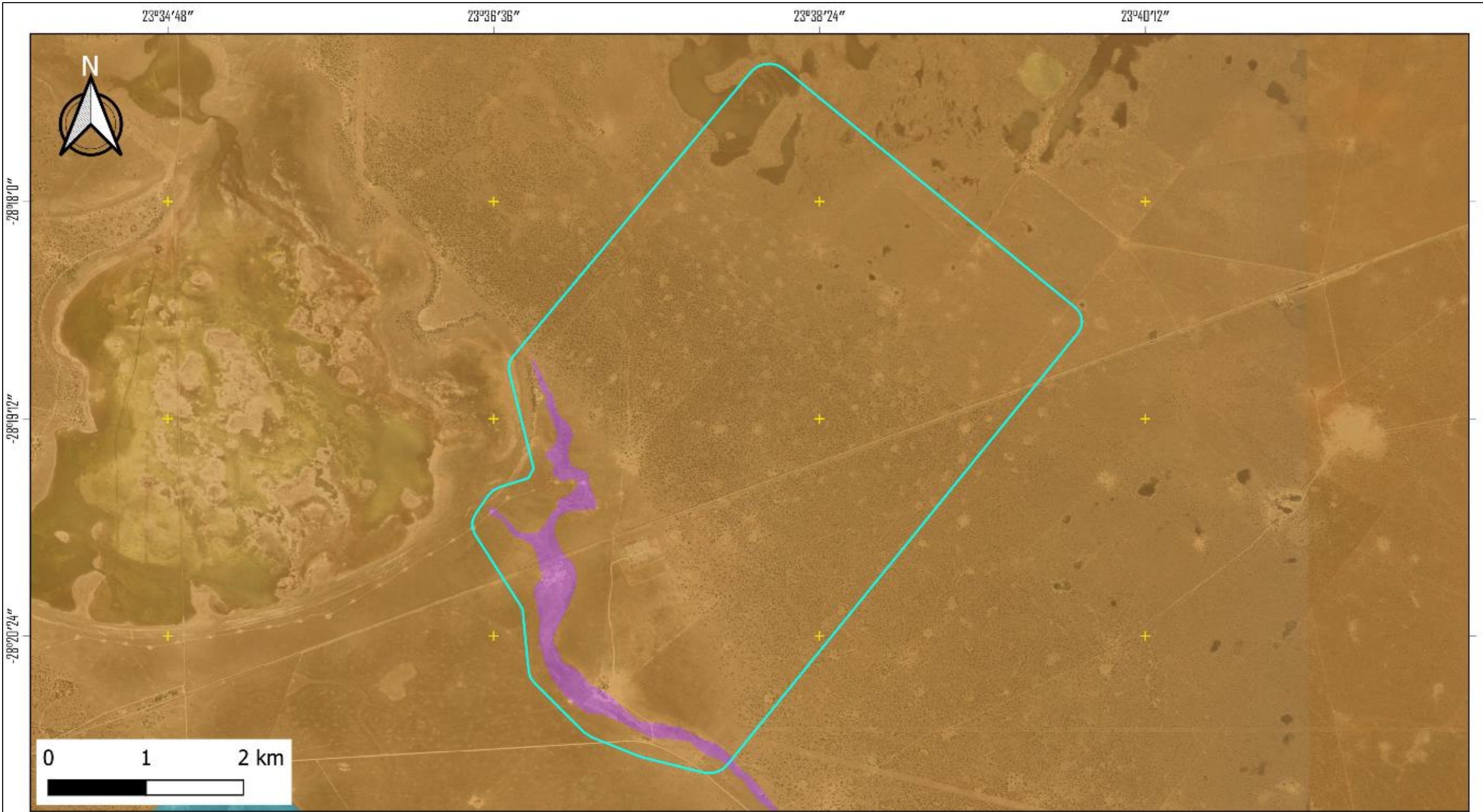


 Study Area - PV



CTS HERITAGE





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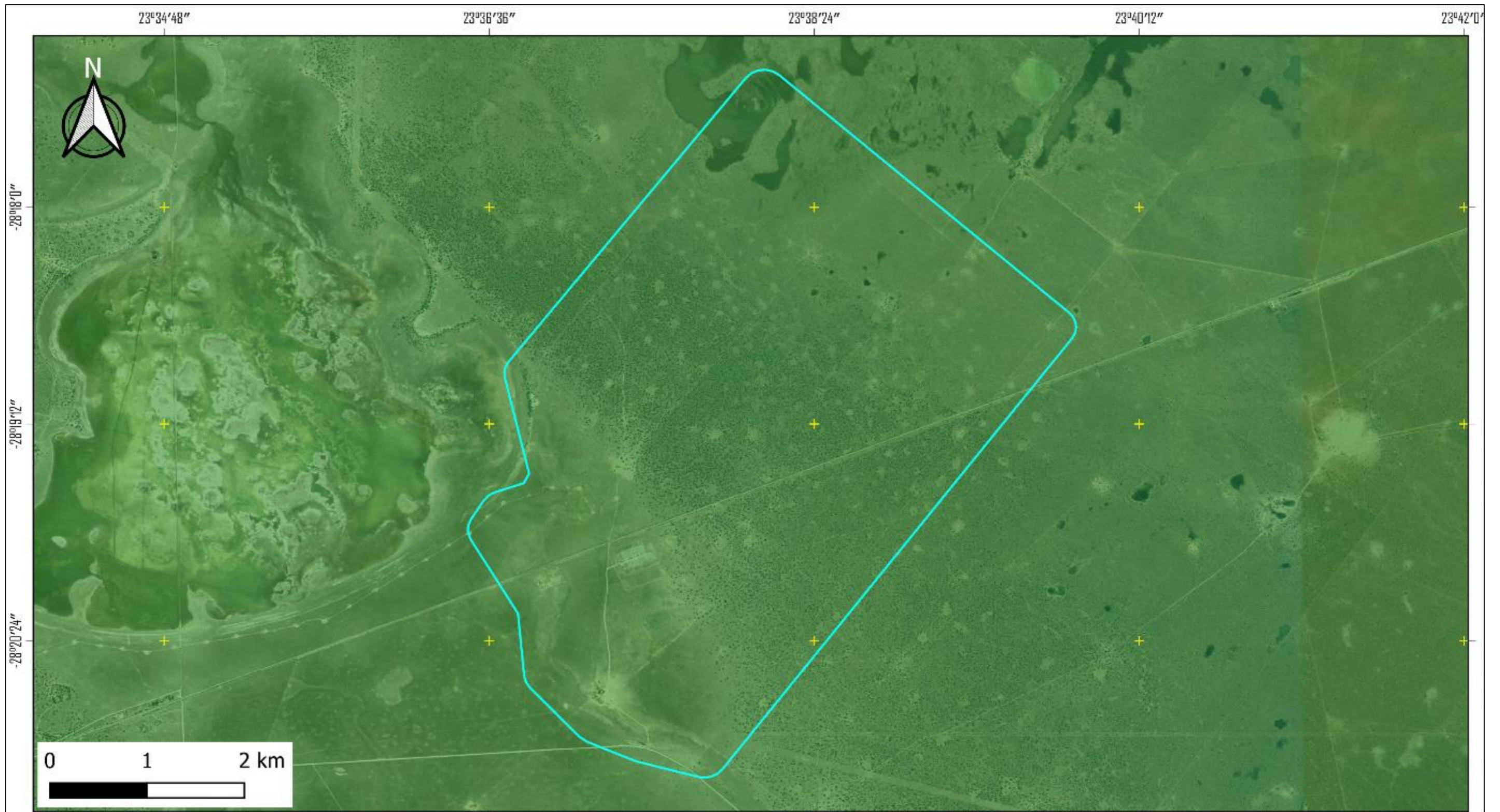
Project: Danielskuil
Date: 07/11/2022
Compiler: M Erasmus
Datum: UTM 34S

Legend

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

Province Context







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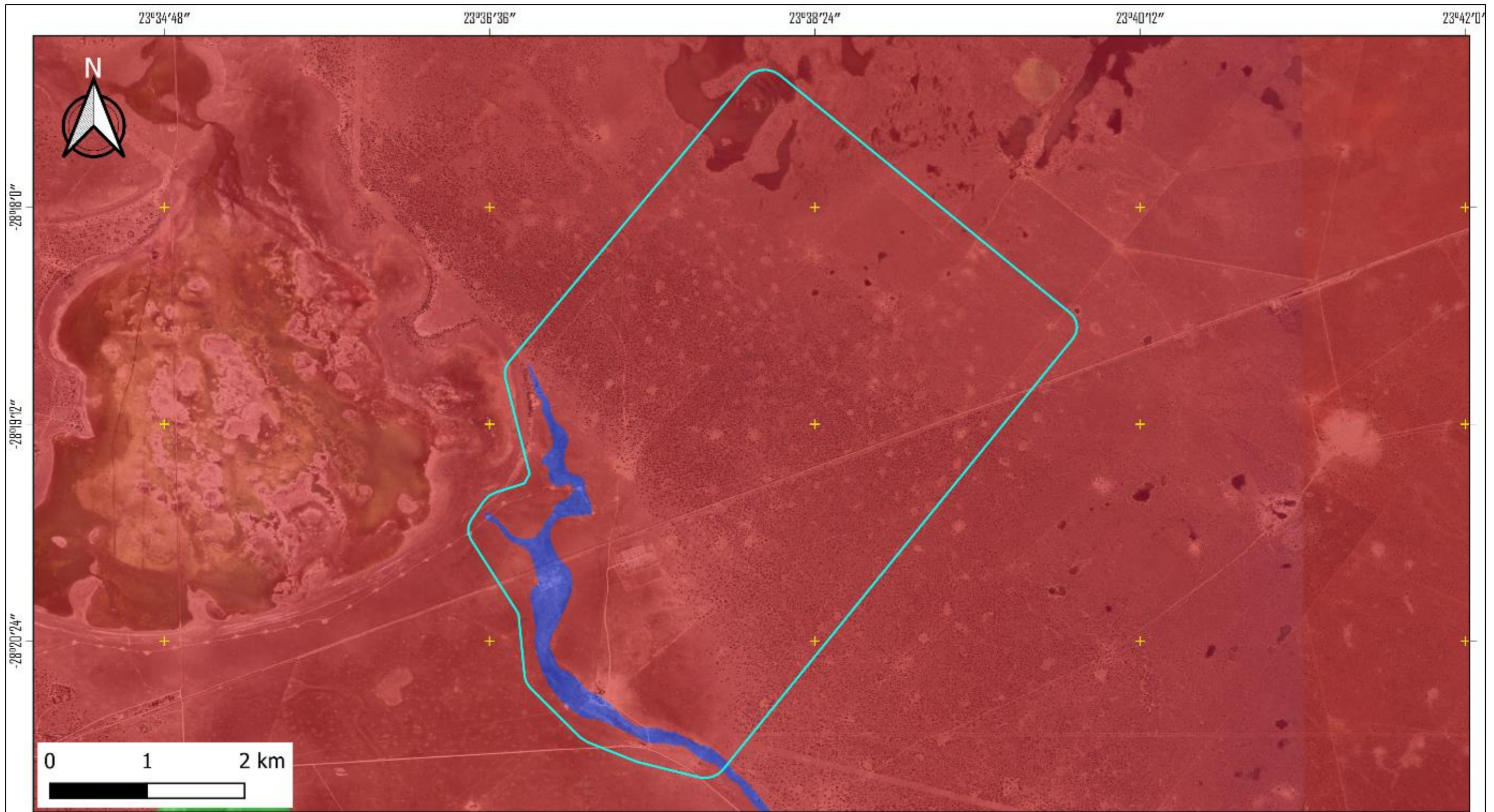
Project: Danielskuil
Date: 07/11/2022
Compiler: M Erasmus
Datum: UTM 34S

Legend

-  PAOI
- NBA2018_Terrestrial_Threat Status
-  LC

Province Context





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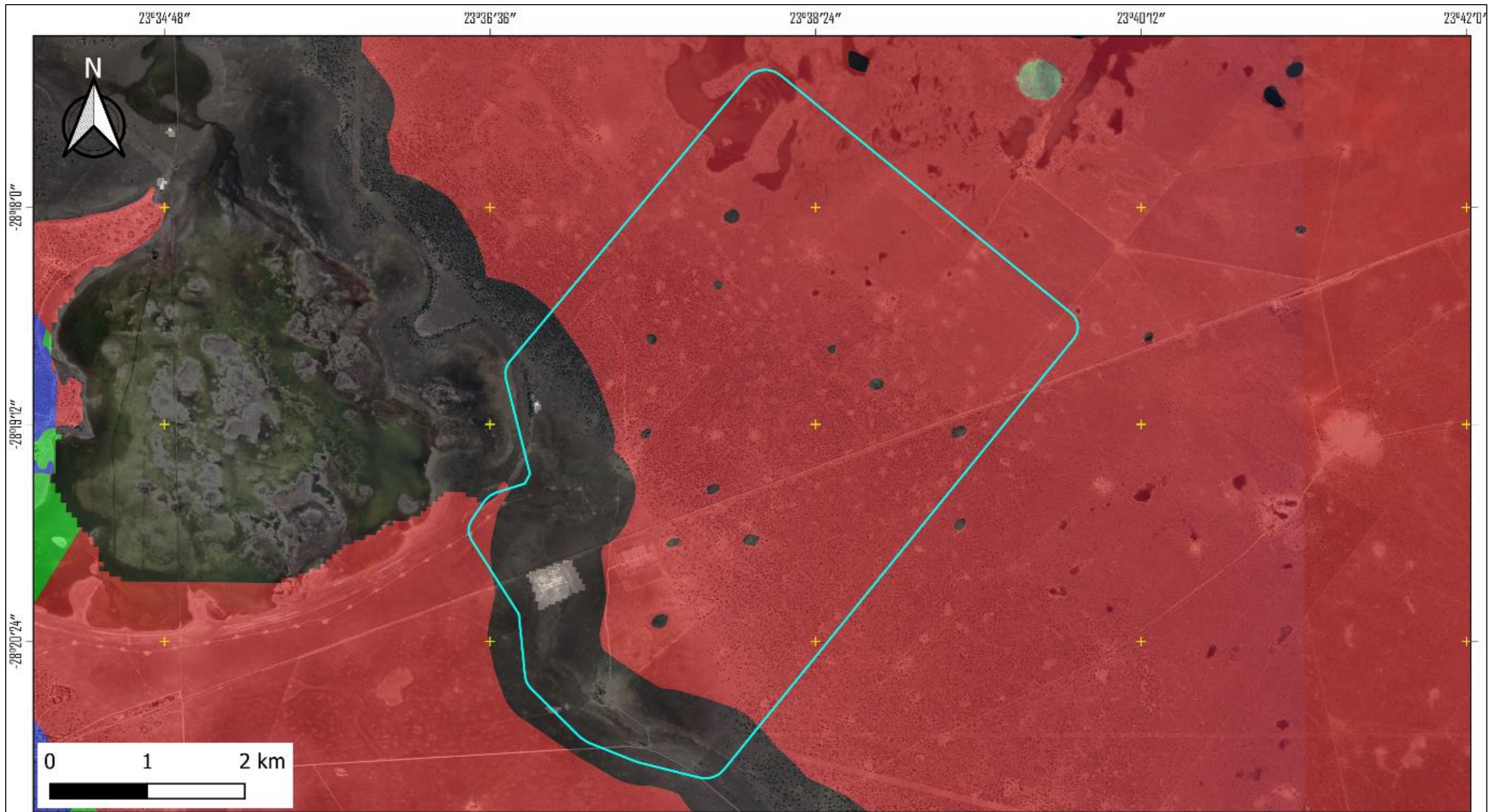
Project: Danielskuil
Date: 07/11/2022
Compiler: M Erasmus
Datum: UTM 34S

Legend

- PAOI
- NBA2018_Terrestrial_Protection Level
- MP
- NP
- PP

Province Context





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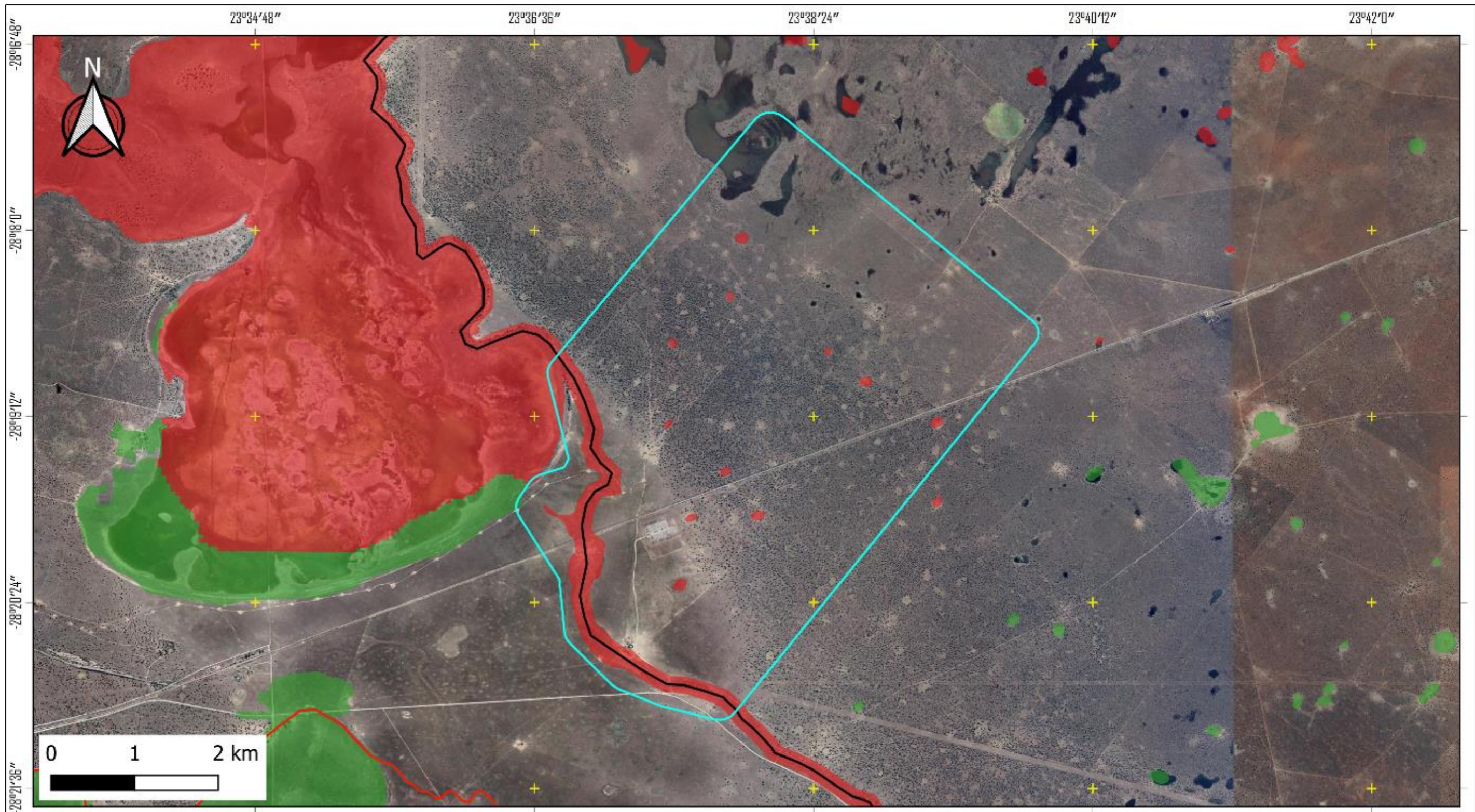
Project: Danielskuil
Date: 07/11/2022
Compiler: M Erasmus
Datum: UTM 34S

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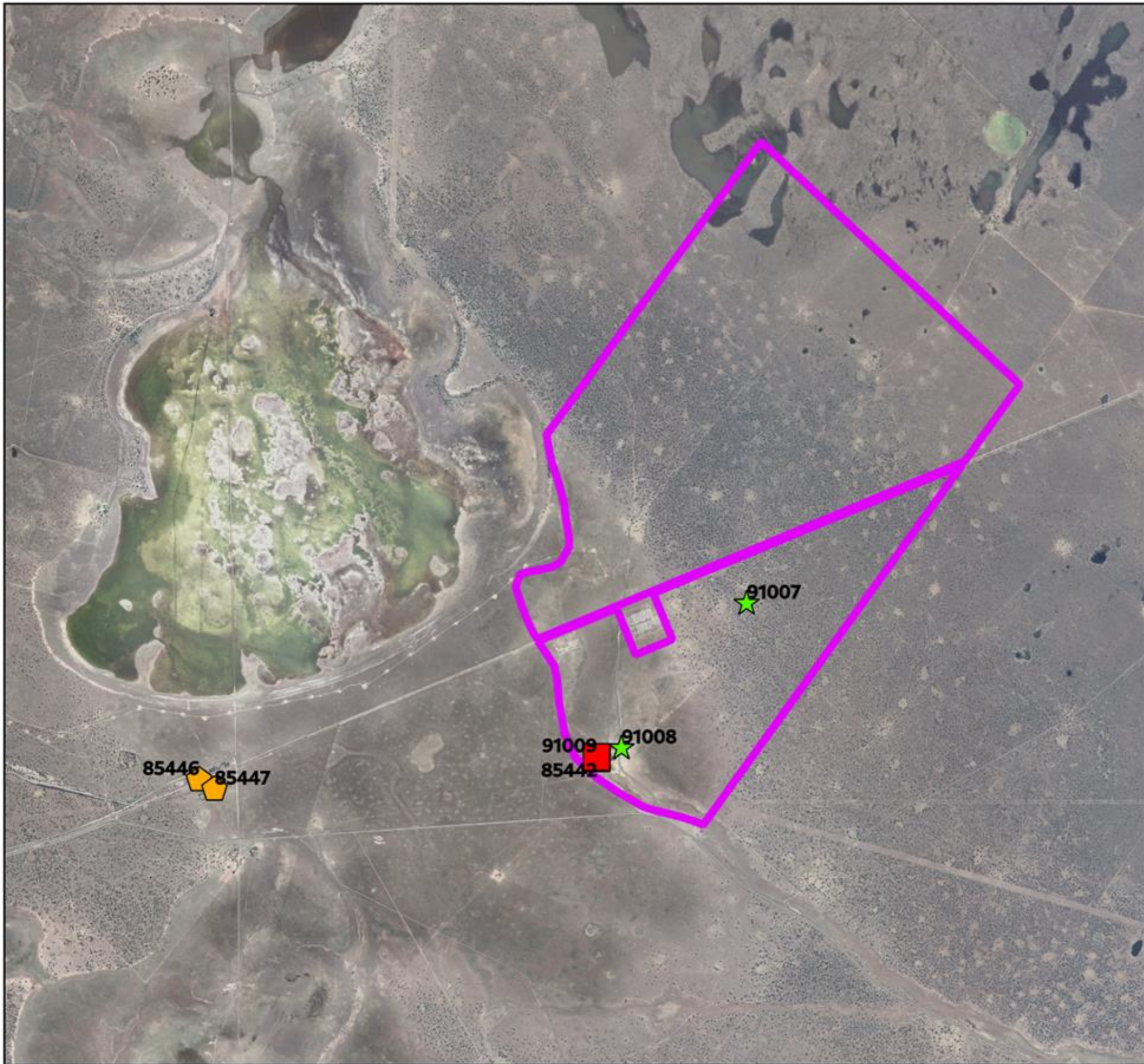
Project: Danielskuil
Date: 07/11/2022
Compiler: M Erasmus
Datum: UTM 34S

Legend

- PAOI
- NFEPA Rivers
- NFEPA_Wetlands
- Non-FEPA
- FEPA
- 1-Freshwater Ecosystem Priority Area
- 4-Upstream Management Area

Province Context



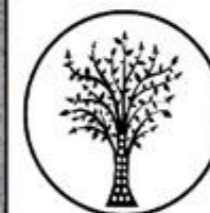


HERITAGE RESOURCES

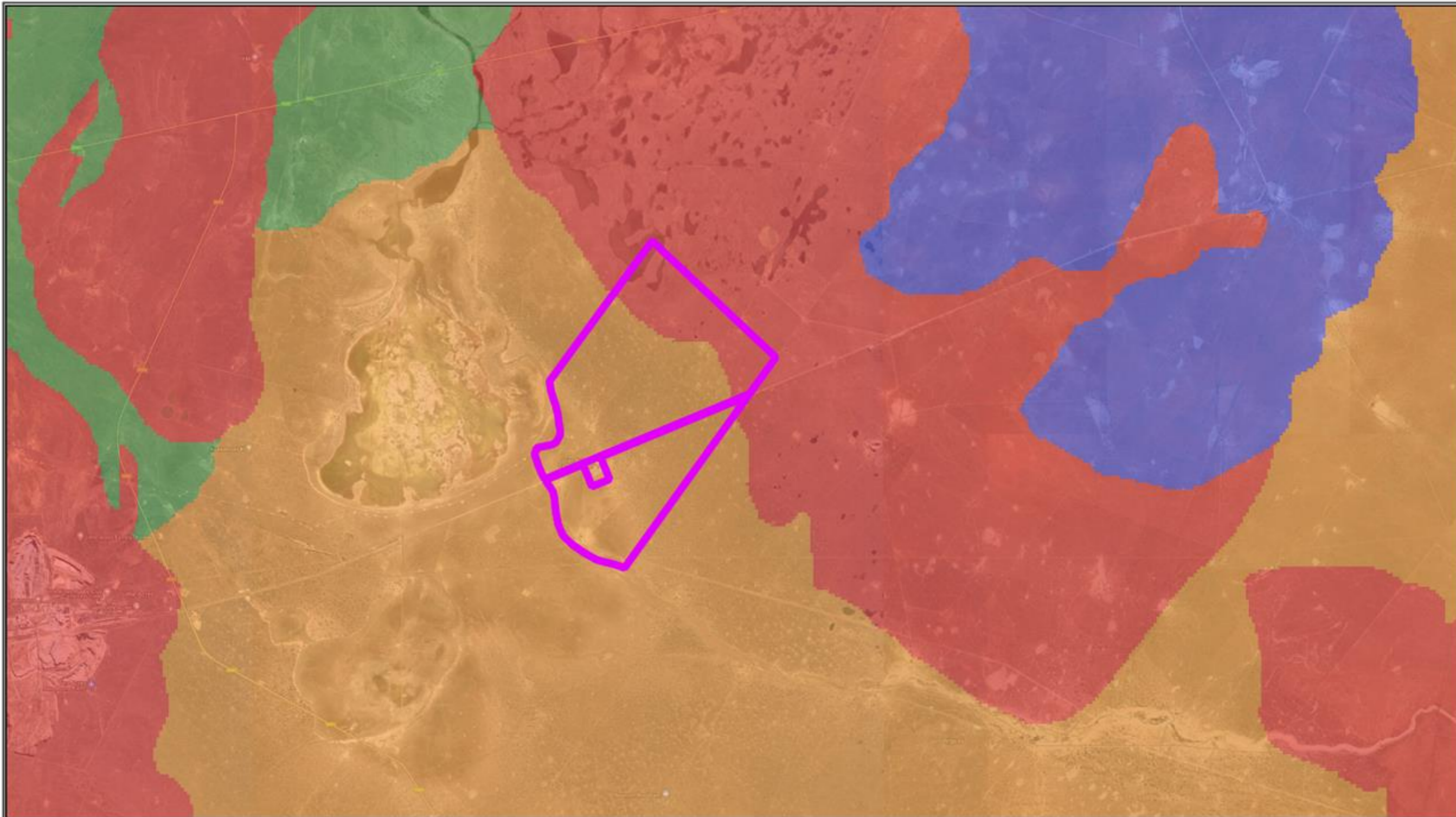
- ☆ Arch, Bat, Geo, Met, Pal, Und
- ⬠ Structures, Monuments & Memorials
- Liv. Heritage/Sacred sites, Burial Grounds and Graves, Natural Place
- △ Conservation Area, Cultural Landscape
- ▭ Study Area


GRADING

- | | |
|-----------------|--------|
| DARK RED | I & II |
| RED | IIIa |
| ORANGE | IIIb |
| GREEN | IIIc |



CTS HERITAGE



 Study Area - PV

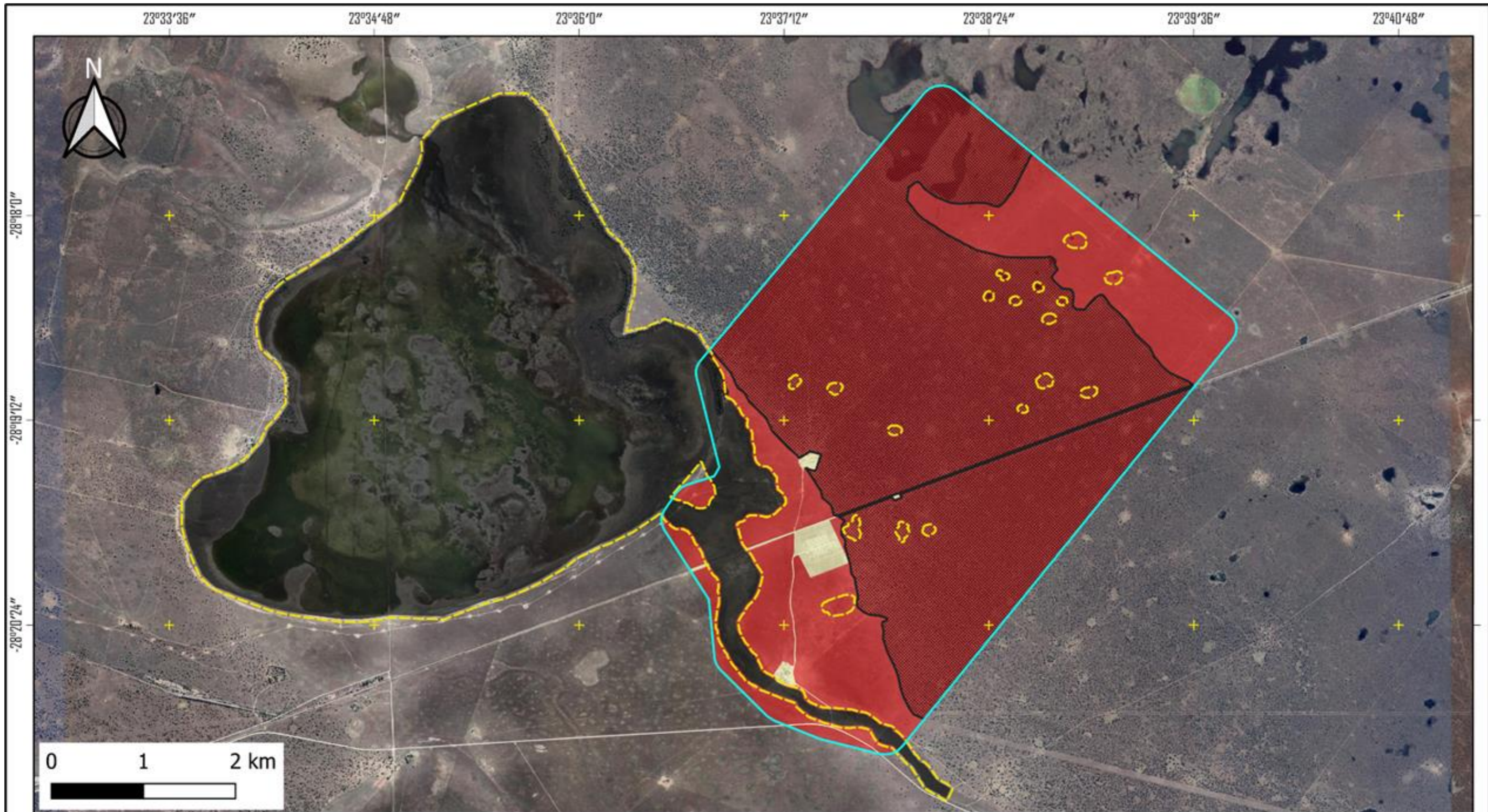
0 1 2 km



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








CTS HERITAGE



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

Legend

- | | |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  PAOI | SEI |
|  Wooded Vaalbosveld |  Very Low |
|  Water Resource Buffers |  High |
| |  Very High |

Province Context





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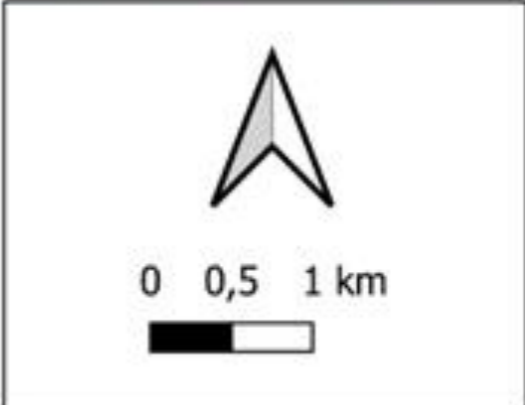
Project: Danielskuil
Date: 14/11/2022
Compiler: M Schrenk
Datum: WGS 84

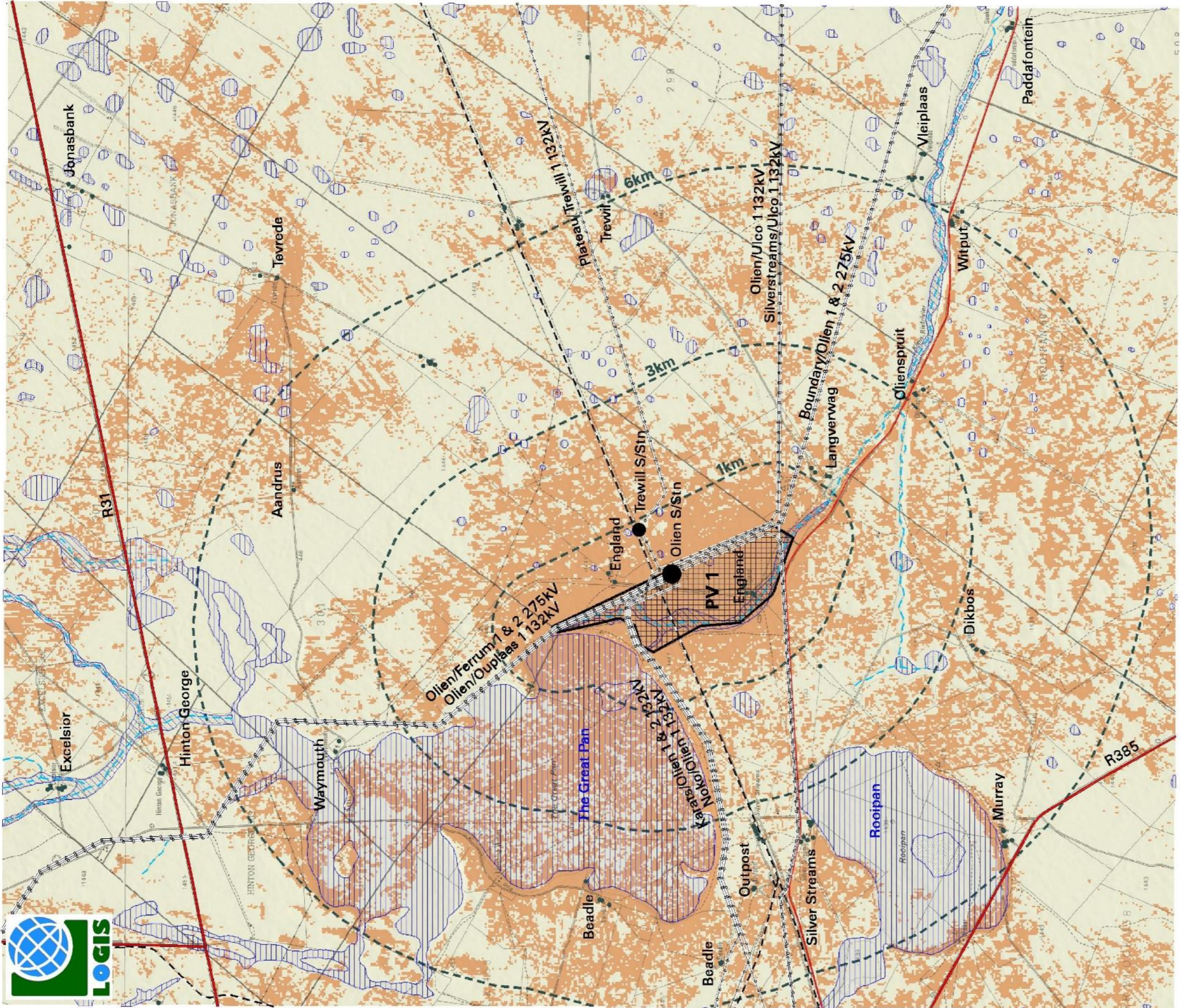
Legend

- PV Project Area
- Water Resources Buffer

SEI

- Very high
- High
- Very Low





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 1
Solar Energy Facility**

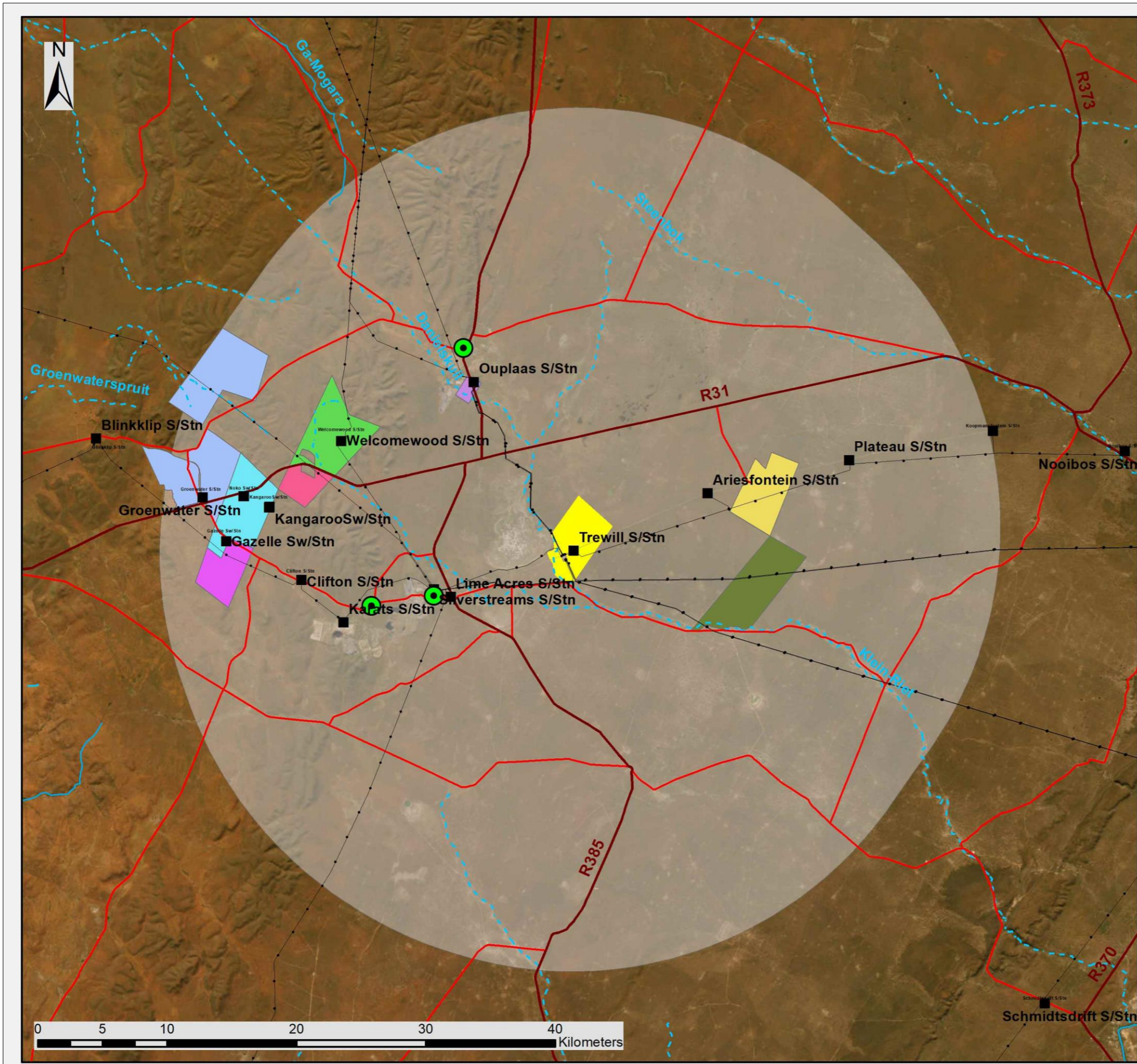
Limestone PV1 facility Northern Cape Province

Cumulative Map

Legend

-  Town
-  Existing substations
-  Eskom Power Line (Existing)
-  Regional Road
-  National Road
-  Main Road
-  Perennial River
-  Non Perennial River
-  Limestone PV1 Project Site
-  100MW Arriesfontein
-  100MW Humanrus CSP
-  Manlenox 2 Project
-  Danielskuil solar photovoltaic facility
-  75MW pv solar power facicity
-  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 PV1 SEF Project Site Northern Cape Province

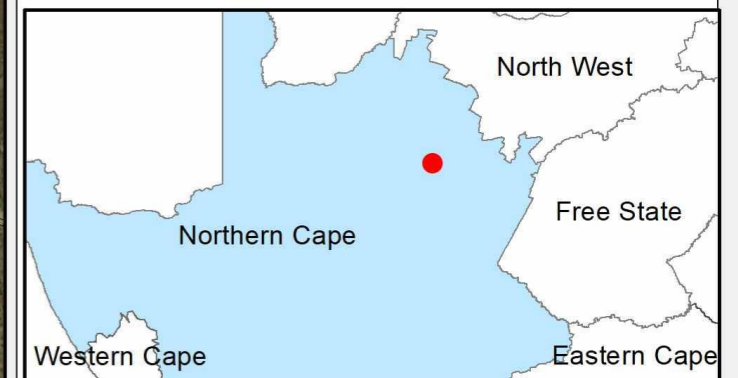
Sensitivity Map

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 PV1 Project Site

Scale: 1:50 000
Projection: GCS_WGS_1984
Map Ref: Limestone PV1 - Sensitivity

savannah
environmental



0 212,5 425 850 1 275 1 700 Kilometers

