

Legend

-  Roads
-  Loeriesfontein 3 PV boundary
- Strategic transmission corridors**
-  Northern corridor
-  Western corridor



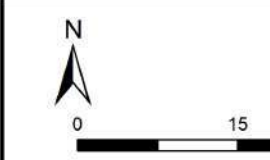
Prepared for:
Nala Environmental Consulting Firm



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Ecofluence Consulting

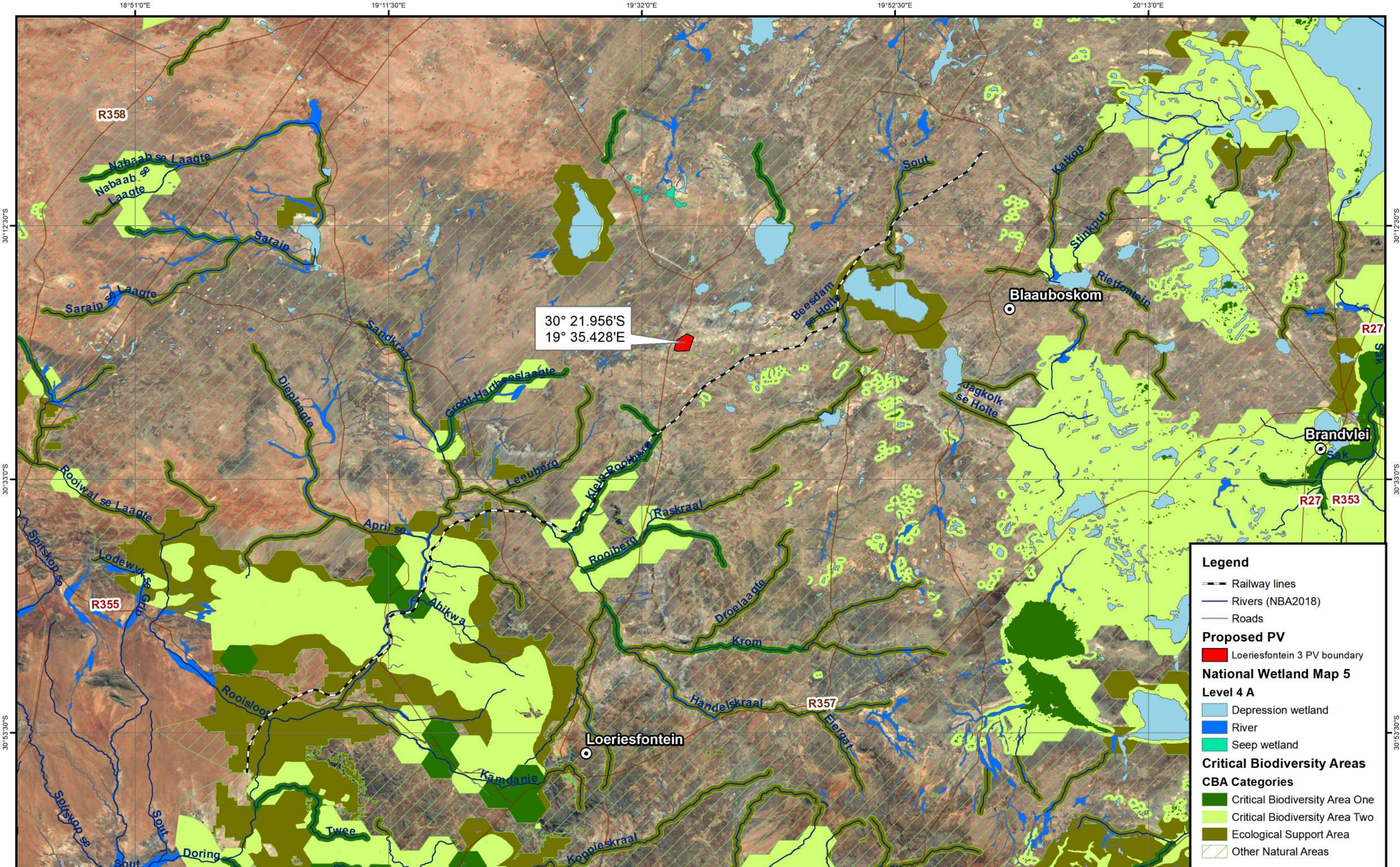


Loeriesfontein PV 3 and associated infrastructure (project boundary), Northern Cape
 DFFE Ref.: 12/12/20/2321/2/1
Strategic Transmission Corridor map



Coordinate System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Scale: 1:500 000
 Date: October 2022





Legend

- Railway lines
- Rivers (NBA2018)
- Roads

Proposed PV

- Loeriesfontein 3 PV boundary

National Wetland Map 5 Level 4 A

- Depression wetland
- River
- Seep wetland

Critical Biodiversity Areas CBA Categories

- Critical Biodiversity Area One
- Critical Biodiversity Area Two
- Ecological Support Area
- Other Natural Areas



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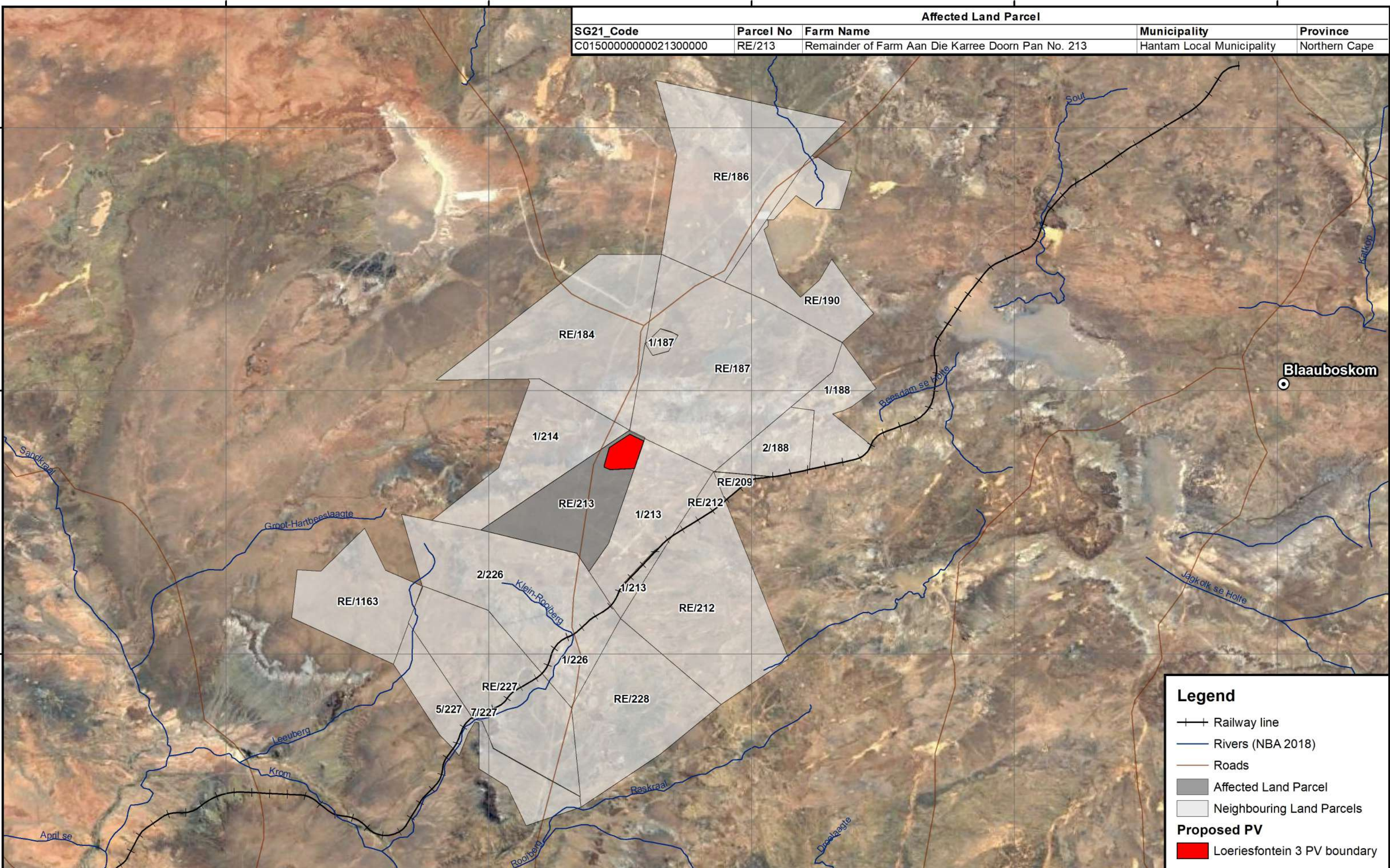
Locality map

Coordinate System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Scale: 1:500 000
 Date: January 2023

Prevailing Wind Direction:
 West: August to April (8.5 months)
 North: April to August (3.5 months)



Affected Land Parcel				
SG21_Code	Parcel No	Farm Name	Municipality	Province
C0150000000021300000	RE/213	Remainder of Farm Aan Die Karree Doorn Pan No. 213	Hantam Local Municipality	Northern Cape

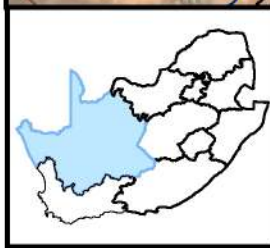


Legend

- +—+— Railway line
- Rivers (NBA 2018)
- Roads
- Affected Land Parcel
- Neighbouring Land Parcels

Proposed PV

- Loeriesfontein 3 PV boundary



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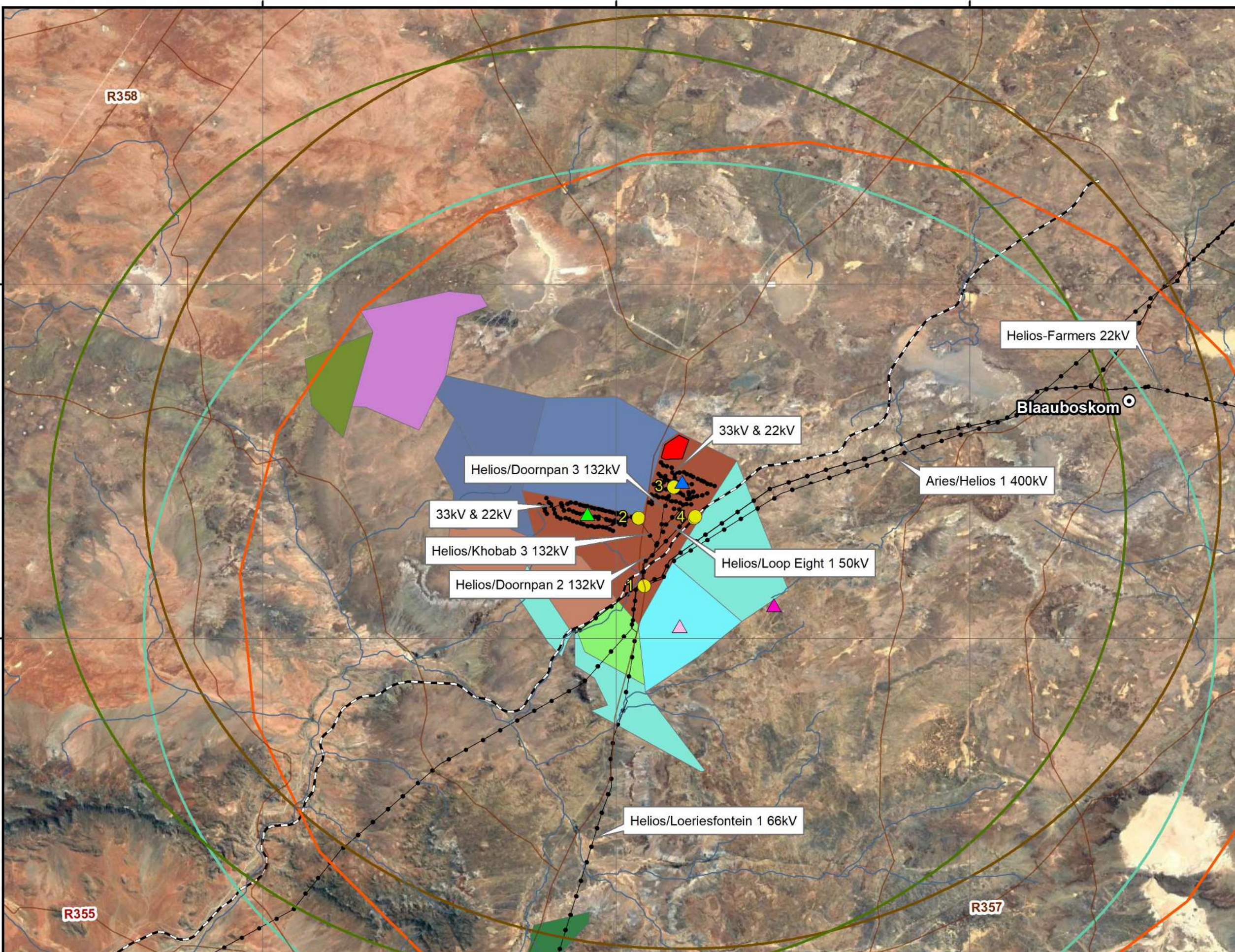
Loeriesfontein PV 3 and associated infrastructure (project boundary), Northern Cape
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Landowner map



Coordinate System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Scale: 1:250 000
 Date: January 2023





Legend

- Railway Lines
- Rivers (NBA2018)
- Roads

Proposed PV

- Loeriesfontein 3 PV boundary

Cumulative facilities

Operational/Authorised

- IXHA Boom Wind Energy Farm
- 235MW Graskoppies Wind Farm
- 240 MW Kokerboom 2 WEF
- 256MW Kokerboom1 WEF
- 50MW WEF & 100MW Solar Photovoltaic EF
- 140MW Dwarsrug Wind Farm
- 60MW Kokerboom 5 WEF
- CPV/PV Solar Power Plant
- Hantam 7PV solar EF & associated infrastructure
- Khobab WEF
- Loeriesfontein WEF
- 196MW Kokerboom 1 WEF
- 240 MW Kokerboom 2 WEF
- 240MW Kokerboom 3 WEF
- 256 Kokerboom1 WEF
- 100mw PV Solar Farm
- Photovoltaic Solar Facility near Loeriesfontein
- Orlight Sa Solar Photovoltaic Power Plant
- 140 MW Khobab wind farm
- Loeriesfontein 2 140MW WEF
- 235MW Ithemba Wind Farm
- 240MW Kokerboom 2 WEF

Existing powerlines

- Existing Powerlines

Existing Substations

- Existing Substations

Preferred Bidders Round 1-5

- Dwarsrug
- Khobab
- Loeriesfontein 2
- Solar Capital Orange
- Khobab
- Loeriesfontein 2
- Placemark
- Solar Capital Orange

Existing Substations		
No	Name	Owner
1	Helios Substation 400kV	ESKOM
2	Khobab Switching Station 132kV	ESKOM
	Khobab Wind Substation 132kV	Other
3	Doompan Switching Station 132kV	ESKOM
	Loeriesfontein Wind Substation 132kV	Other
4	Loop 8 Substation 50kV	ESKOM
	Helios SATS Substation 50kV	Other

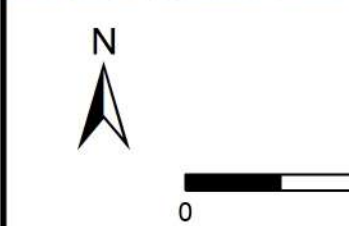


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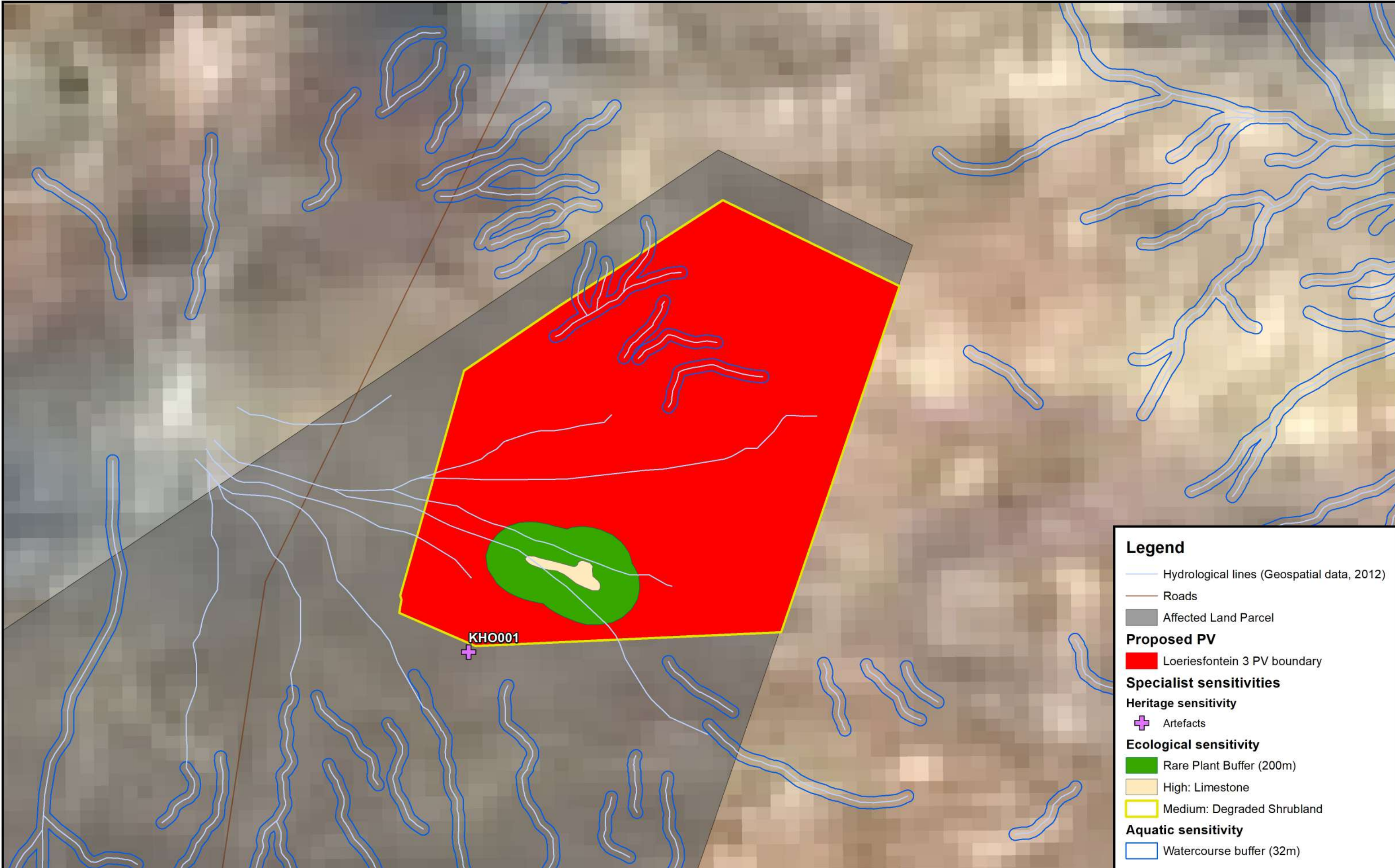
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 DFFE Ref.: 12/12/20/2321/2/1

Cumulative Map



Coordinate System: GCS WGS 1984
 Datum: WGS 1984
 Units: Degree
 Scale: 1:400 000
 Date: January 2023





Legend

- Hydrological lines (Geospatial data, 2012)
- Roads
- Affected Land Parcel
- Proposed PV**
- Loeriesfontein 3 PV boundary
- Specialist sensitivities**
- Heritage sensitivity**
- Artefacts
- Ecological sensitivity**
- Rare Plant Buffer (200m)
- High: Limestone
- Medium: Degraded Shrubland
- Aquatic sensitivity**
- Watercourse buffer (32m)