

**Legend**

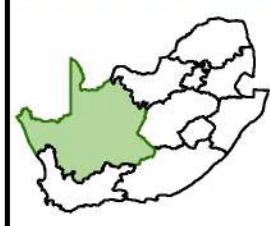
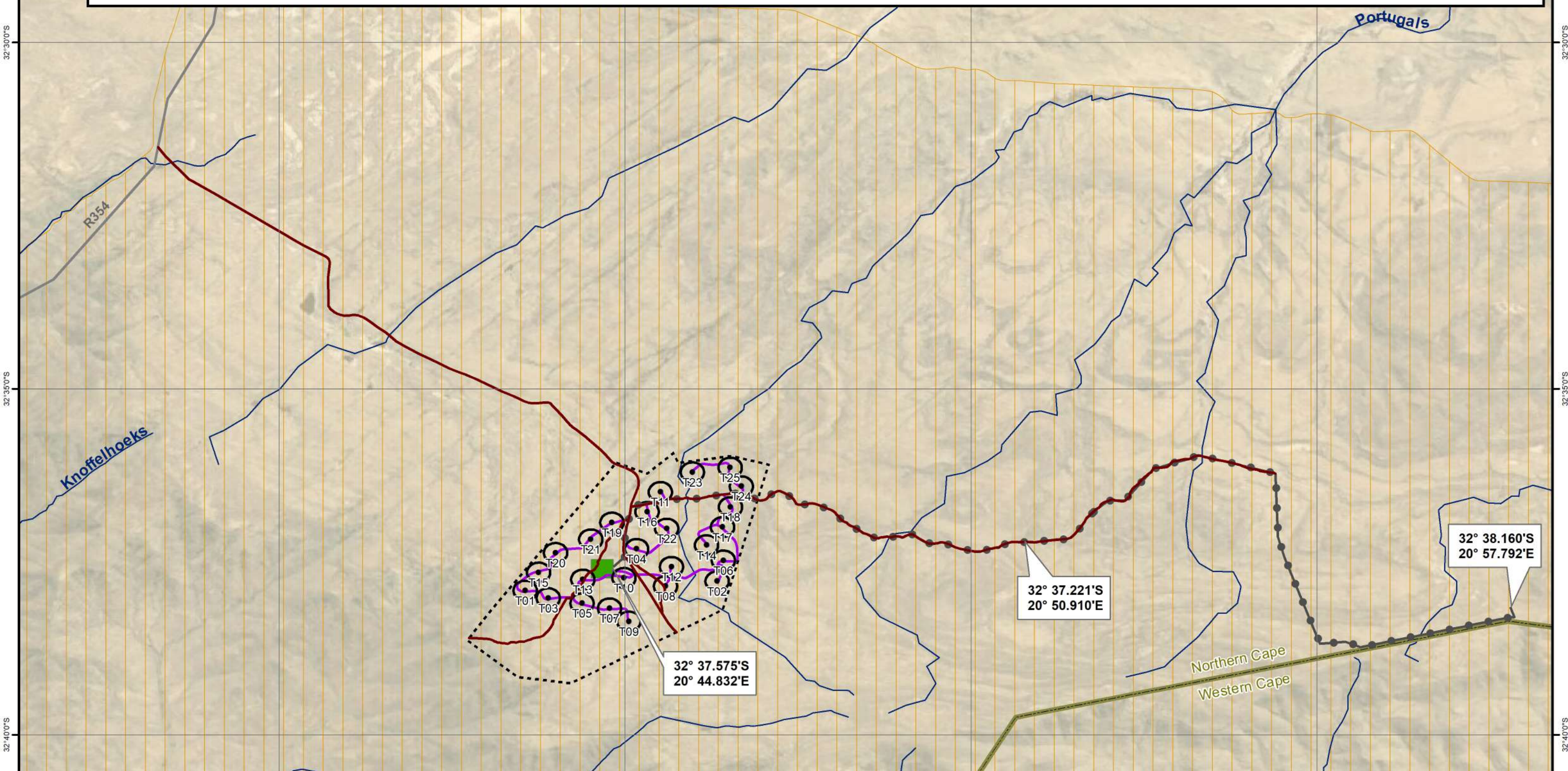
- Rivers (NBA 2018)
- ▭ Provincial boundaries (2016)
- ▭ Land parcel
- Existing/ Authorised**
- Existing roads
- Authorised 132kV Powerline (DFFE Ref: 14/12/16/3/3/1/1814/2)

**Proposed Sutherland 2 WEF and grid layout**

- Proposed Sutherland 2 turbines (25)
- ▭ Proposed turbine hardstand and laydown area (250m buffer)
- Sutherland 2- IPP Substation, Eskom Substation, BESS, Site Camp, Laydown, O&M Buildings
- Proposed Sutherland 2 internal roads

**Phase 1 REDZ**

- ▭ Komsberg Wind
- Strategic Transmission Corridor**
- ▭ Central corridor



Prepared for:  
Nala Environmental Consulting Firm



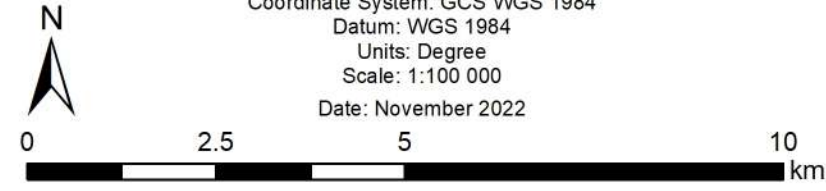
Prepared by:  
Ecofluence Consulting

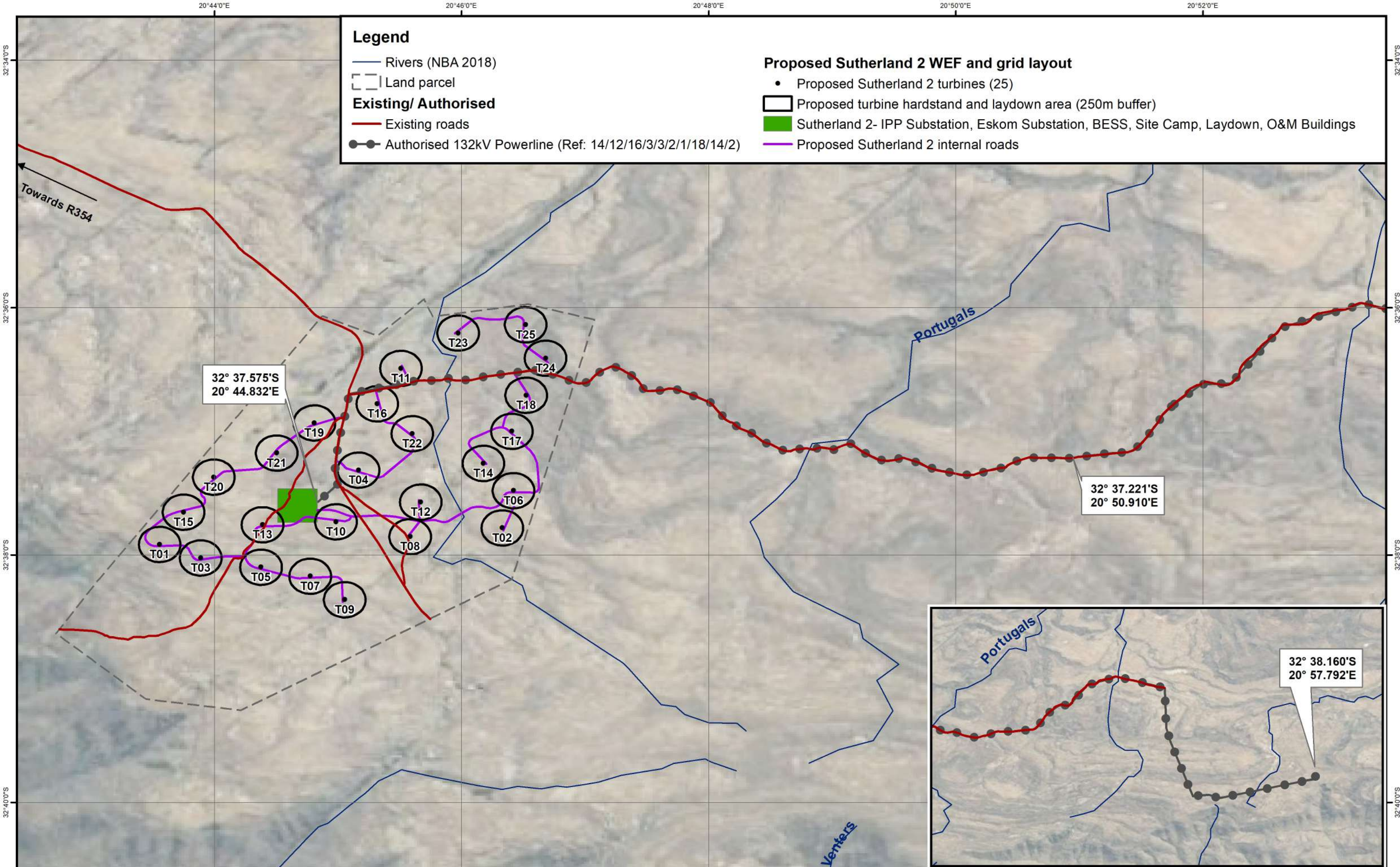


**FINAL LAYOUT MAP OVERLAIN ON THE REDZ AND STRATEGIC TRANSMISSION CORRIDOR MAP**

**Proposed Sutherland 2 Wind Energy Facility and grid layout, Namakwa District in the Northern Cape Province.**

Coordinate System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degree  
Scale: 1:100 000  
Date: November 2022



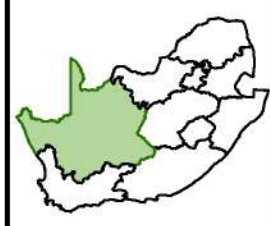



**Legend**

- Rivers (NBA 2018)
- Land parcel
- Existing/ Authorised**
- Existing roads
- Authorised 132kV Powerline (Ref: 14/12/16/3/3/2/1/18/14/2)

**Proposed Sutherland 2 WEF and grid layout**

- Proposed Sutherland 2 turbines (25)
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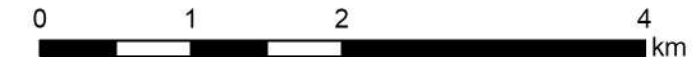


**FINAL LAYOUT MAP**

Proposed Sutherland 2 Wind Energy Facility and grid layout,  
Namakwa District in the Northern Cape Province.

N





Coordinate System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degree  
Scale: 1:50 000  
Date: November 2022




**Legend**

-  Rivers (NBA 2018)
-  Provincial boundaries (2016)
-  Land parcel
- Existing/ Authorised**
-  Existing roads
-  Authorised 132kV Powerline (Ref: 14/12/16/3/3/2/1/18/14/2)

**Proposed Sutherland 2 WEF and grid layout**

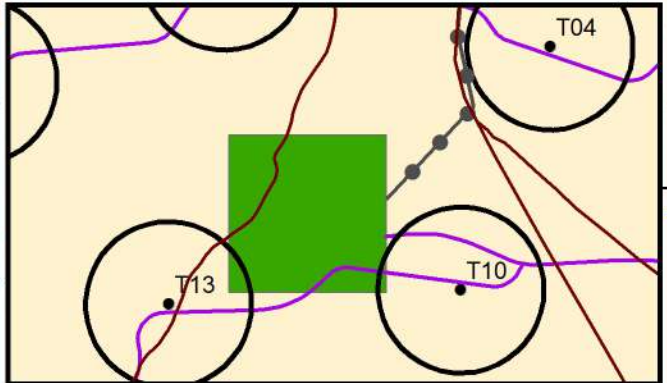
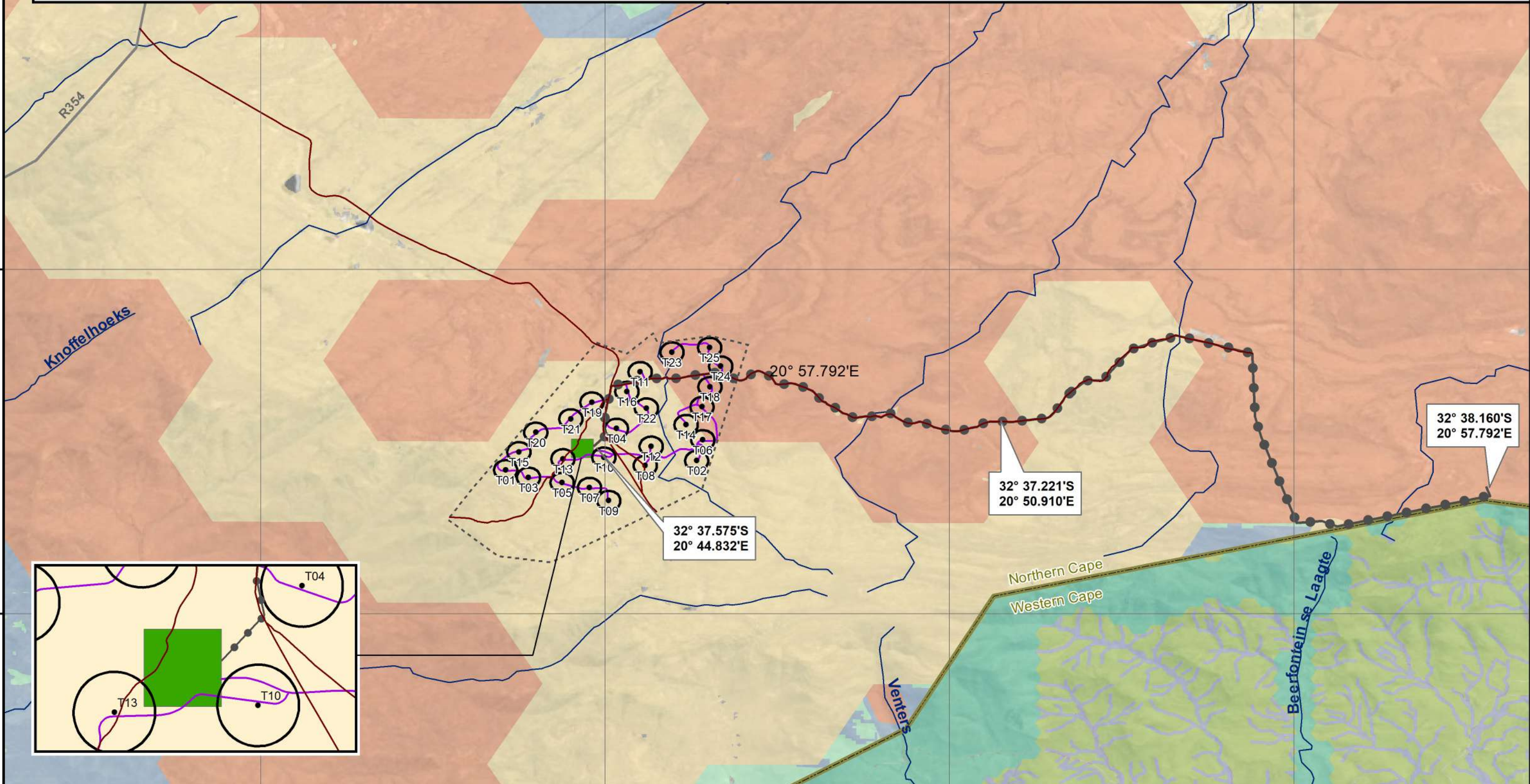
-  Proposed Sutherland 2 turbines (25)
-  Proposed turbine hardstand and laydown area (250m buffer)
-  Sutherland 2- IPP Substation, Eskom Substation, BESS, Site Camp, Laydown, O&M Buildings
-  Proposed Sutherland 2 internal roads

**Northern Cape CBA Categories (2017)**

-  CBA 1
-  CBA 2
-  ESA
-  ONA

**Western Cape CBA Categories Laingsburg BSP (2017)**

-  CBA 1
-  ESA
-  ESA 2
-  ONA



Prepared for:  
Nala Environmental Consulting Firm



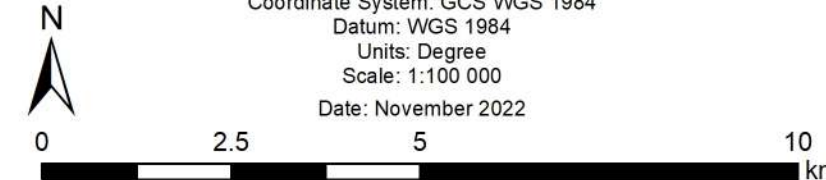
Prepared by:  
Ecofluence Consulting

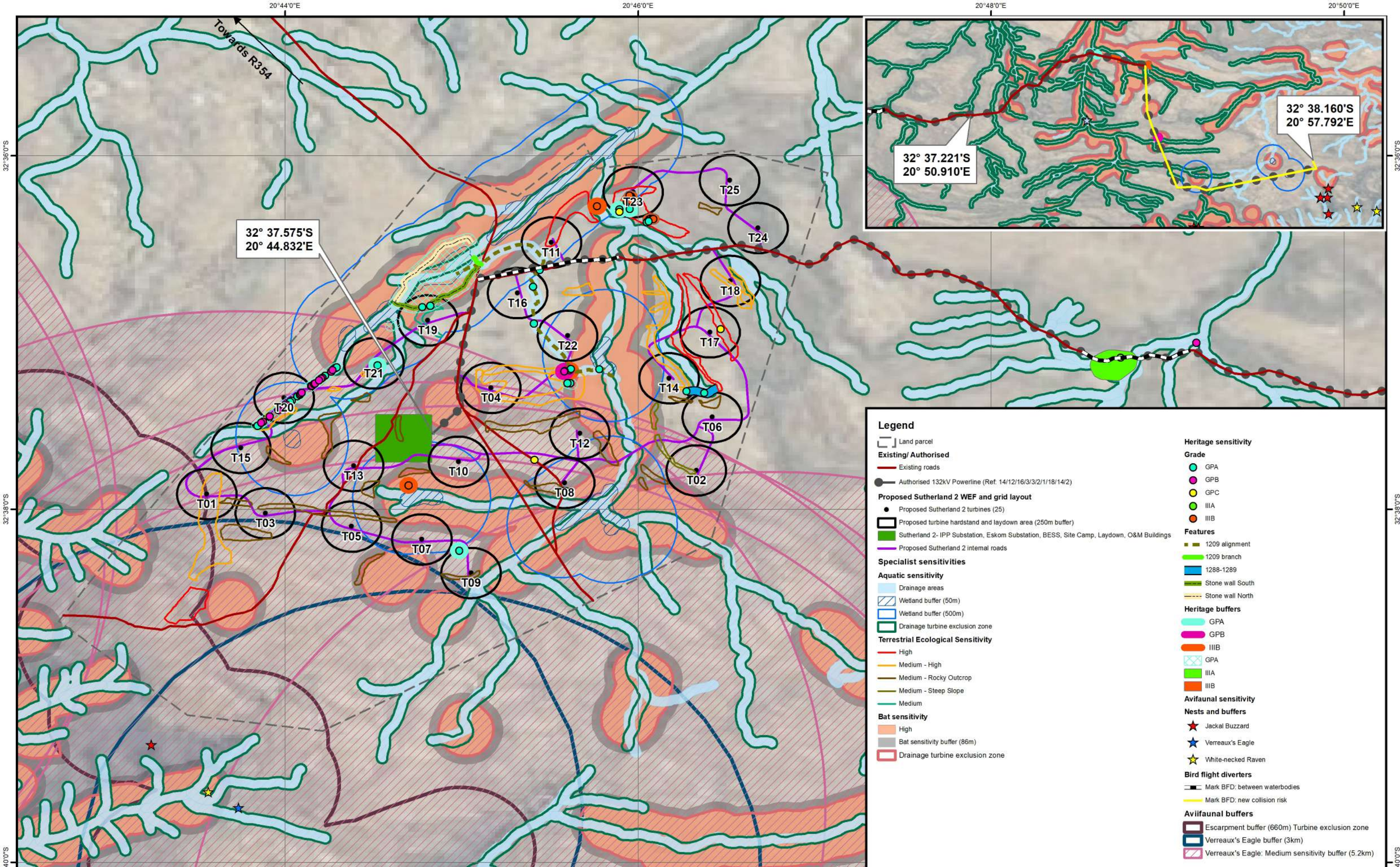


**FINAL LAYOUT MAP OVERLAIN ON THE  
CRITICAL BIODIVERSITY AREAS MAP**

**Proposed Sutherland 2 Wind Energy Facility and grid layout,  
Namakwa District in the Northern Cape Province.**

Coordinate System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degree  
Scale: 1:100 000  
Date: November 2022



**Legend**

- Land parcel
- Existing/ Authorised**
  - Existing roads
  - Authorised 132kV Powerline (Ref. 14/12/16/3/2/1/18/14/2)
- Proposed Sutherland 2 WEF and grid layout**
  - Proposed Sutherland 2 turbines (25)
  - Proposed turbine hardstand and laydown area (250m buffer)
  - Sutherland 2- IPP Substation, Eskom Substation, BESS, Site Camp, Laydown, O&M Buildings
  - Proposed Sutherland 2 internal roads
- Specialist sensitivities**
  - Aquatic sensitivity**
    - Drainage areas
    - Wetland buffer (50m)
    - Wetland buffer (500m)
    - Drainage turbine exclusion zone
  - Terrestrial Ecological Sensitivity**
    - High
    - Medium - High
    - Medium - Rocky Outcrop
    - Medium - Steep Slope
    - Medium
  - Bat sensitivity**
    - High
    - Bat sensitivity buffer (86m)
    - Drainage turbine exclusion zone
- Heritage sensitivity**
  - Grade**
    - GPA
    - GPB
    - GPC
    - IIIA
    - IIIB
  - Features**
    - 1209 alignment
    - 1209 branch
    - 1288-1289
    - Stone wall South
    - Stone wall North
  - Heritage buffers**
    - GPA
    - GPB
    - IIIB
    - GPA
    - IIIA
    - IIIB
  - Avifaunal sensitivity**
    - Nests and buffers**
      - Jackal Buzzard
      - Verreaux's Eagle
      - White-necked Raven
    - Bird flight diverters**
      - Mark BFD: between waterbodies
      - Mark BFD: new collision risk
    - Avifaunal buffers**
      - Escarpment buffer (660m) Turbine exclusion zone
      - Verreaux's Eagle buffer (3km)
      - Verreaux's Eagle: Medium sensitivity buffer (5.2km)



Prepared for:  
Nala Environmental Consulting Firm

Prepared by:  
Ecofluence Consulting

**FINAL LAYOUT MAP**

Proposed Sutherland 2 Wind Energy Facility and grid layout,  
Namakwa District in the Northern Cape Province.

Coordinate System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degree  
Scale: 1:35 000  
Date: November 2022

