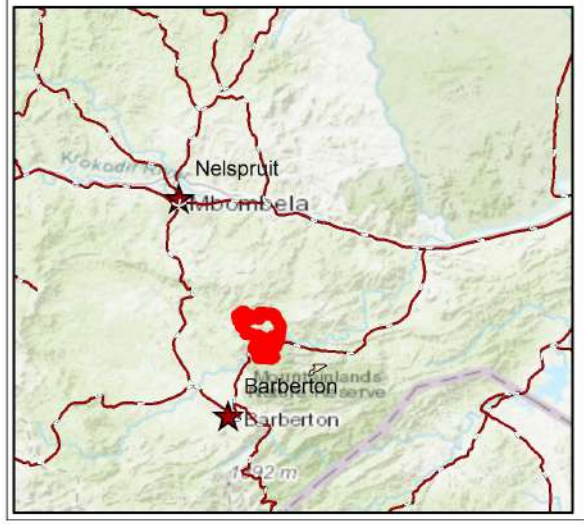


# Local Municipalities

New Consort Mine

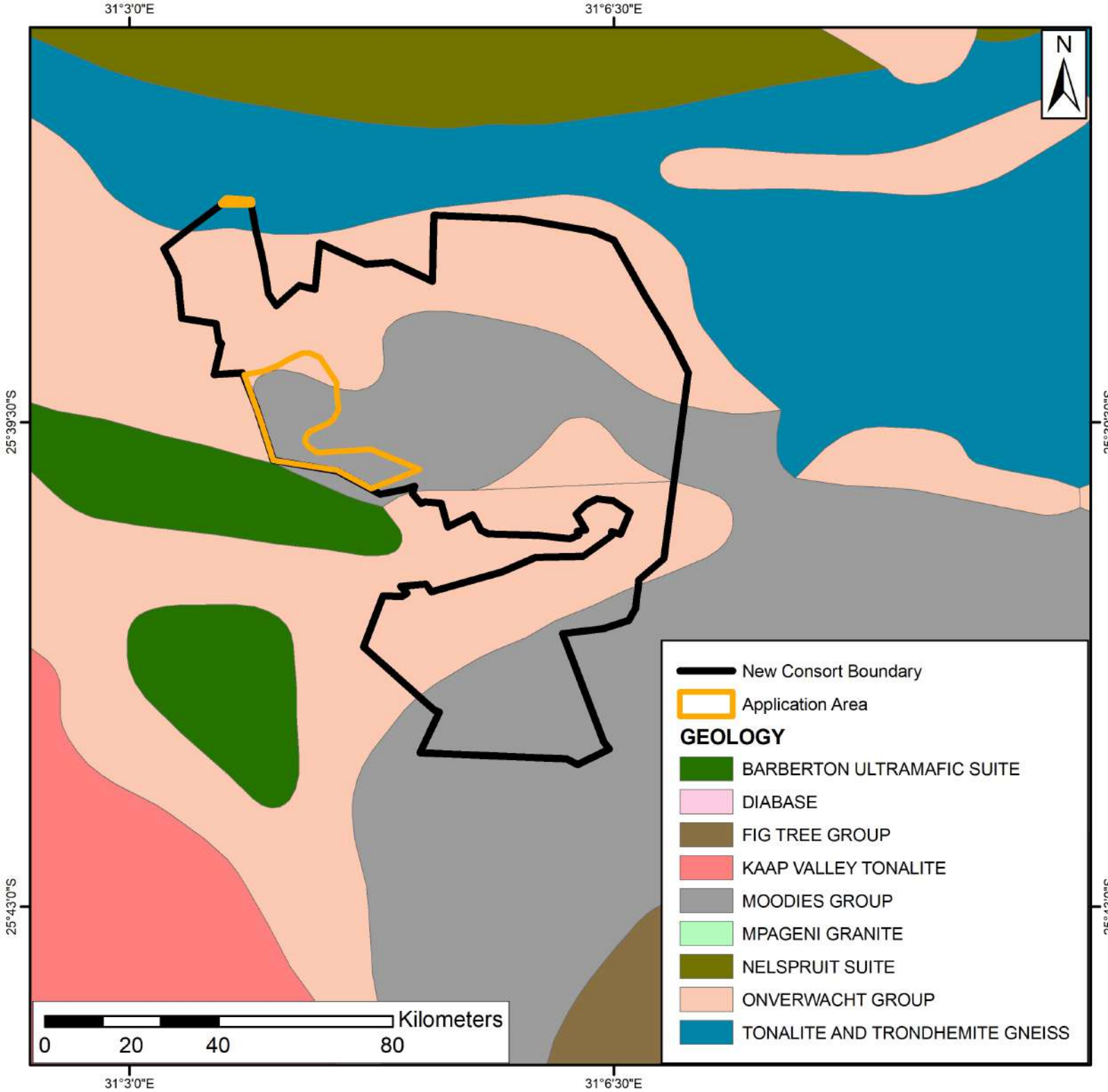
**Data Source:**  
Municipal Demarcation Board



Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degrees

Prepared by:

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# Geology

New Consort Mine

**Data Source:**  
Council for Geoscience

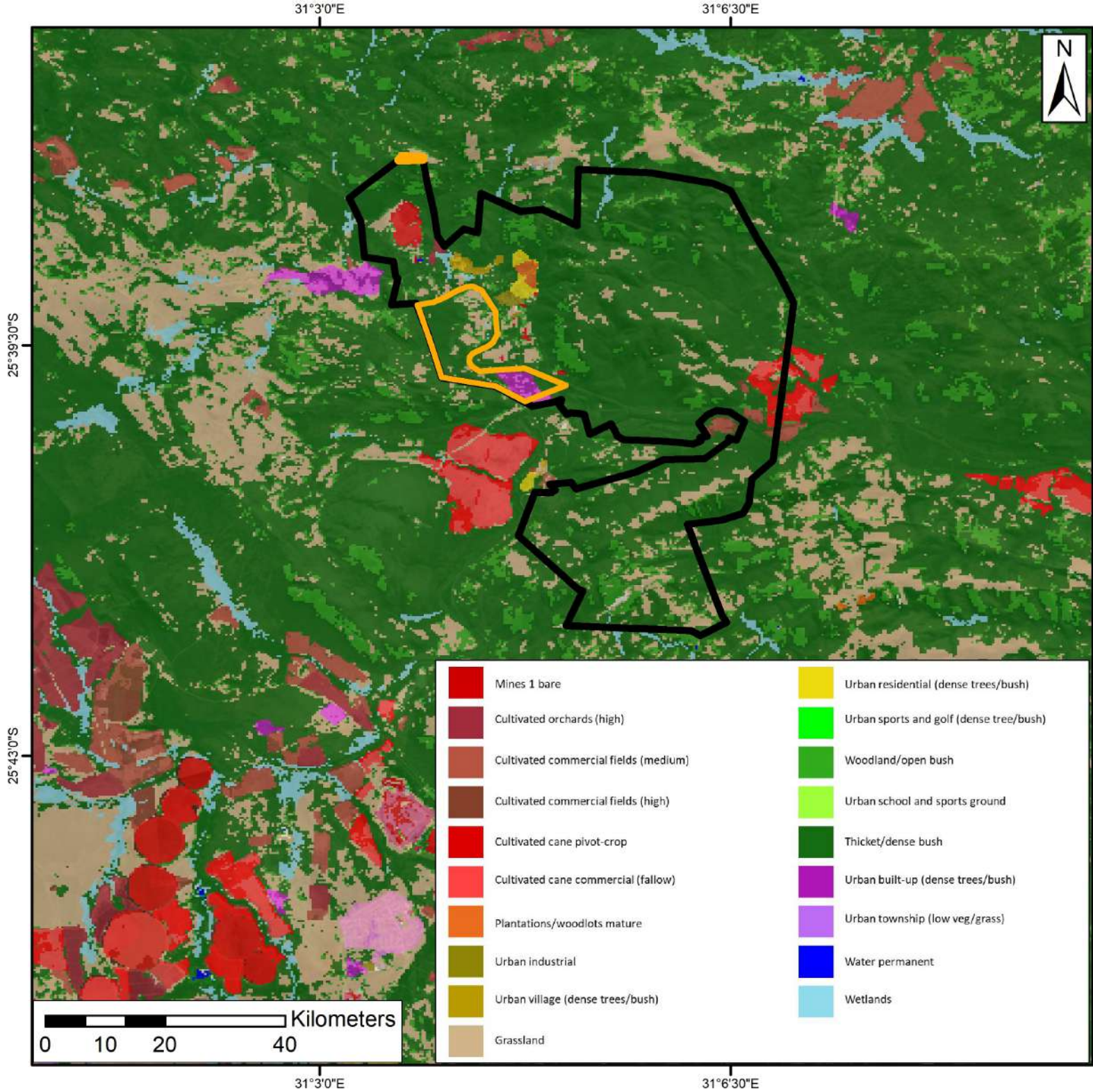


Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degrees

Prepared by:







# Land Use Cover

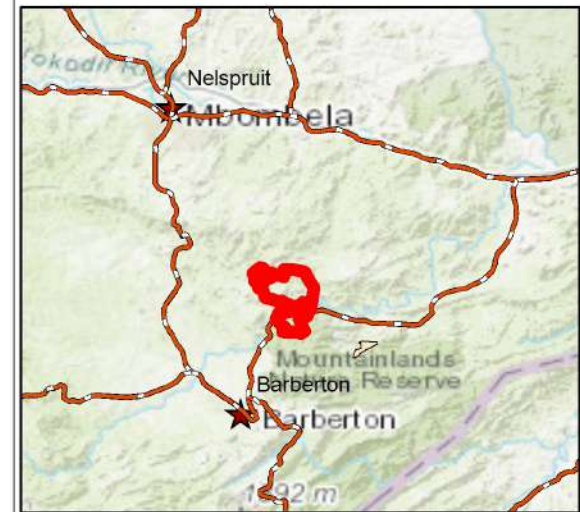
New Consort Mine

New Consort Boundary

Application Area

## Data Source:

South African National Biodiversity Institute (SANBI)



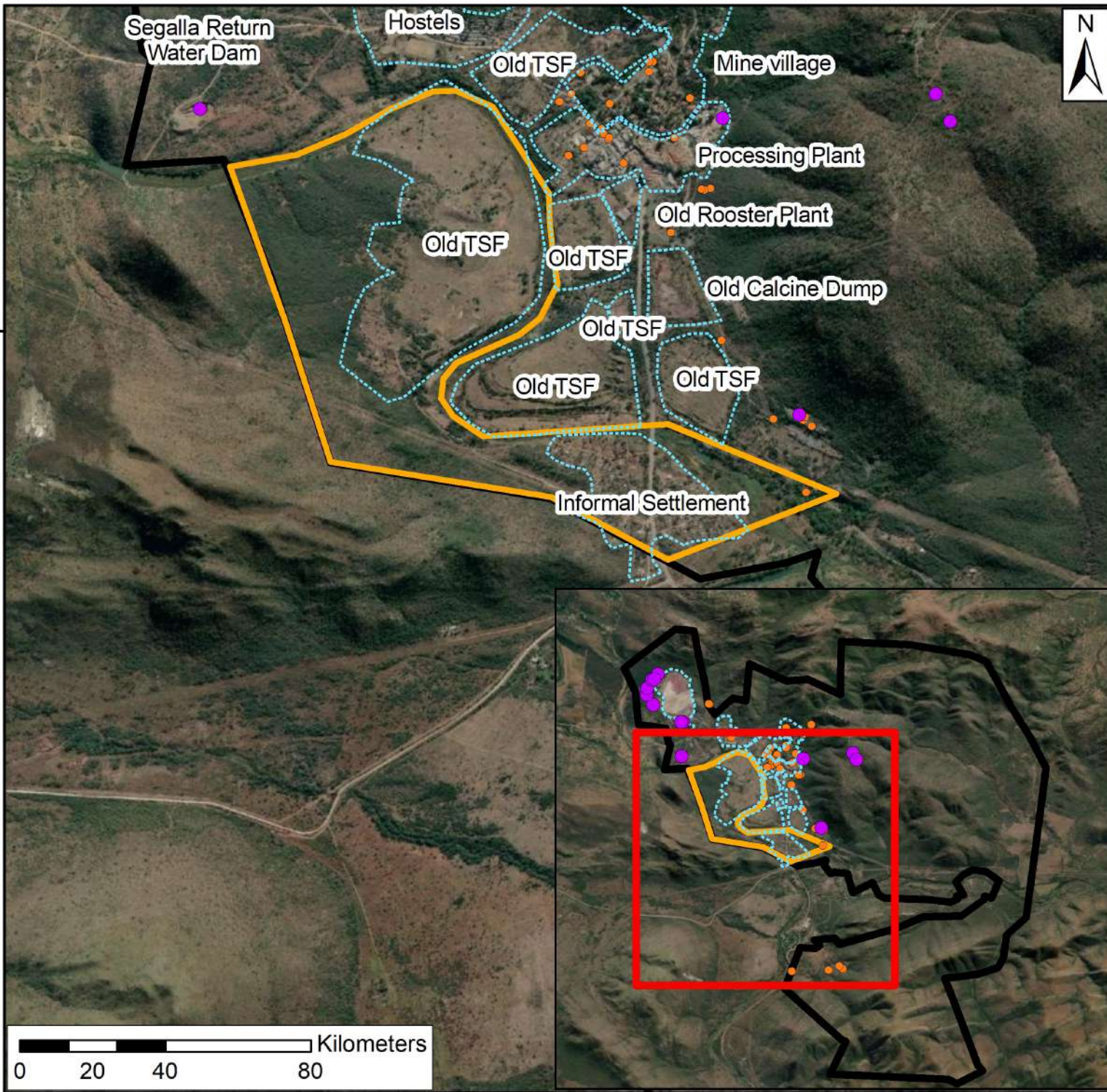
Coord System: GCS WGS 1984

Datum: WGS 1984

Units: Degrees

Prepared by:

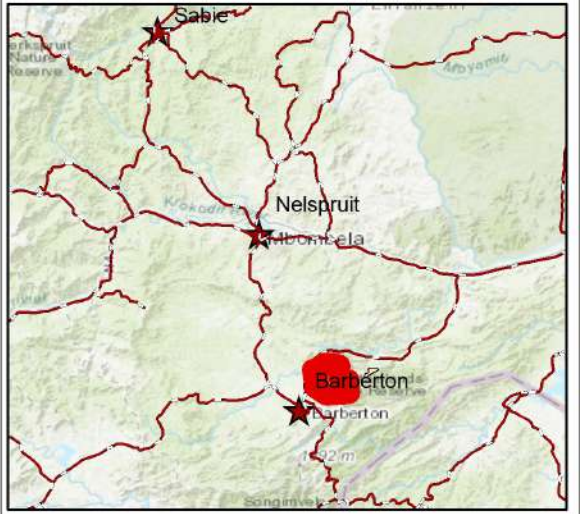




# Surface Infrastructure Layout

## New Consort Mine

- Heritage
- New Consort Shafts
- New Consort Boundary
- Application Area
- New Consort Mining Footprint

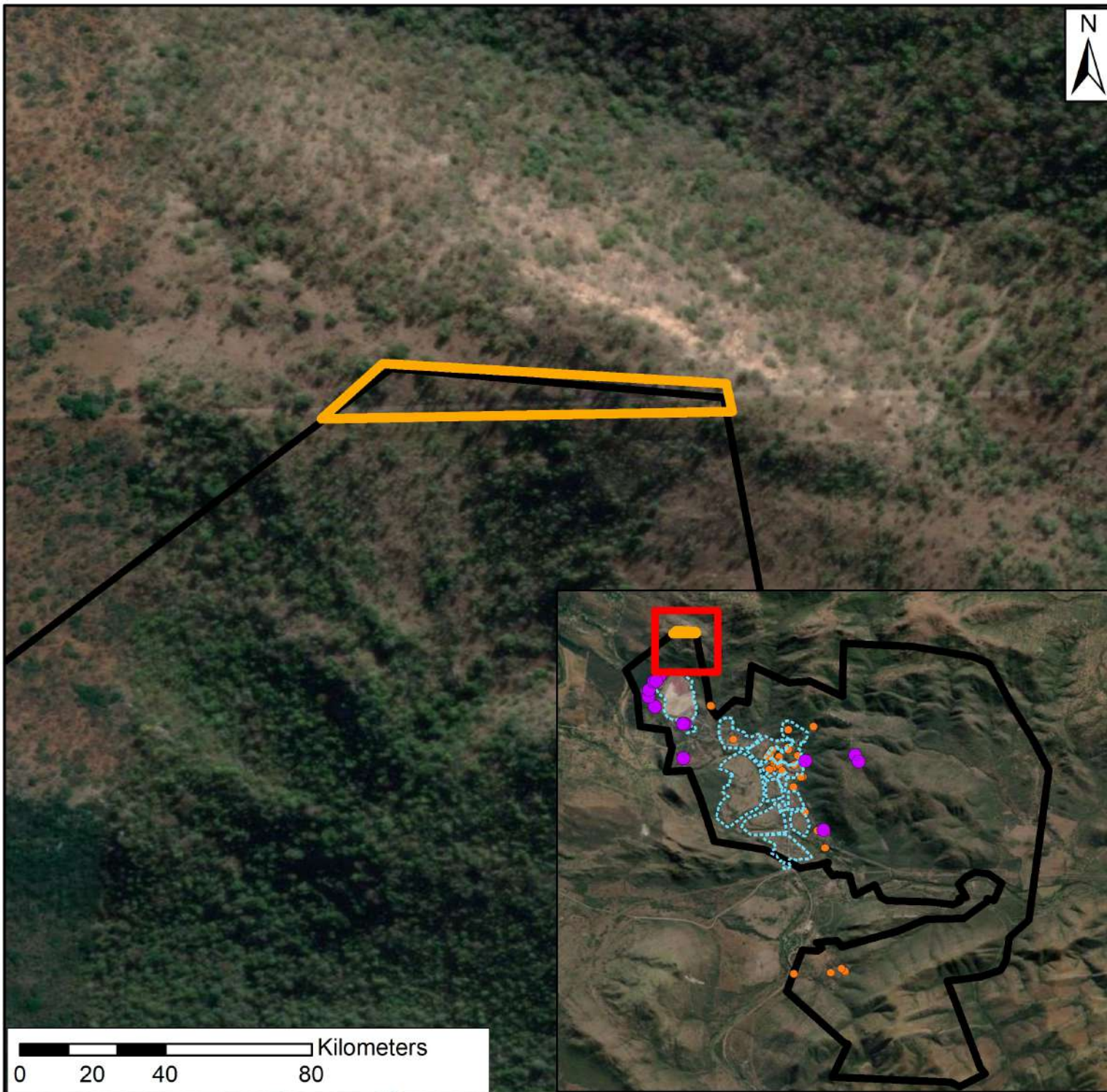


Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degrees

Prepared by:



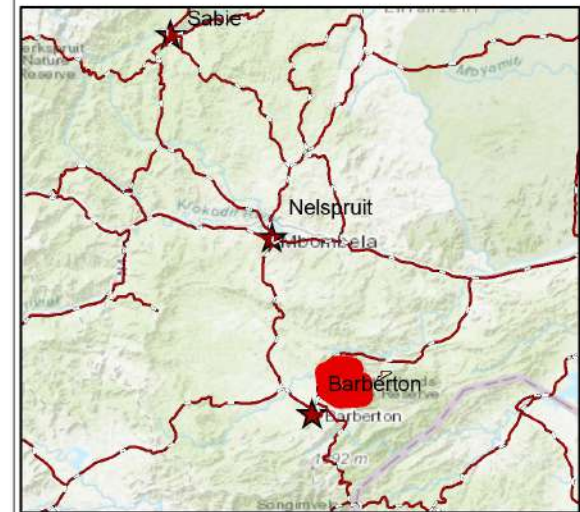
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# Surface Infrastructure Layout

New Consort Mine

- Heritage
- New Consort Shafts
- New Consort Boundary
- New Consort Mining Footprint
- Application Area (Riverside 245 JU)



Coord System: GCS WGS 1984

Datum: WGS 1984

Units: Degrees

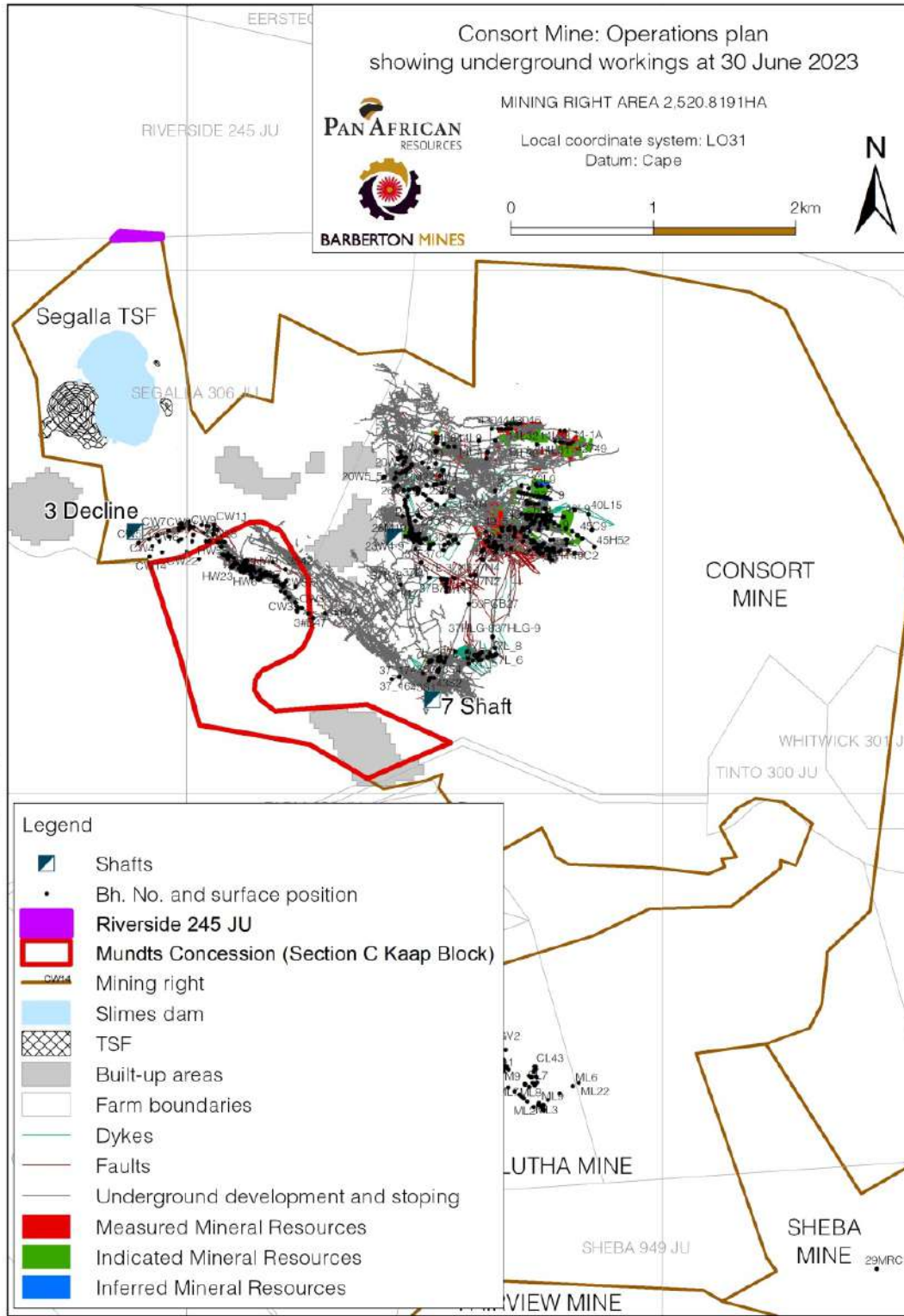
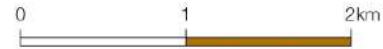
Prepared by:



Consort Mine: Operations plan  
showing underground workings at 30 June 2023

MINING RIGHT AREA 2,520.8191HA

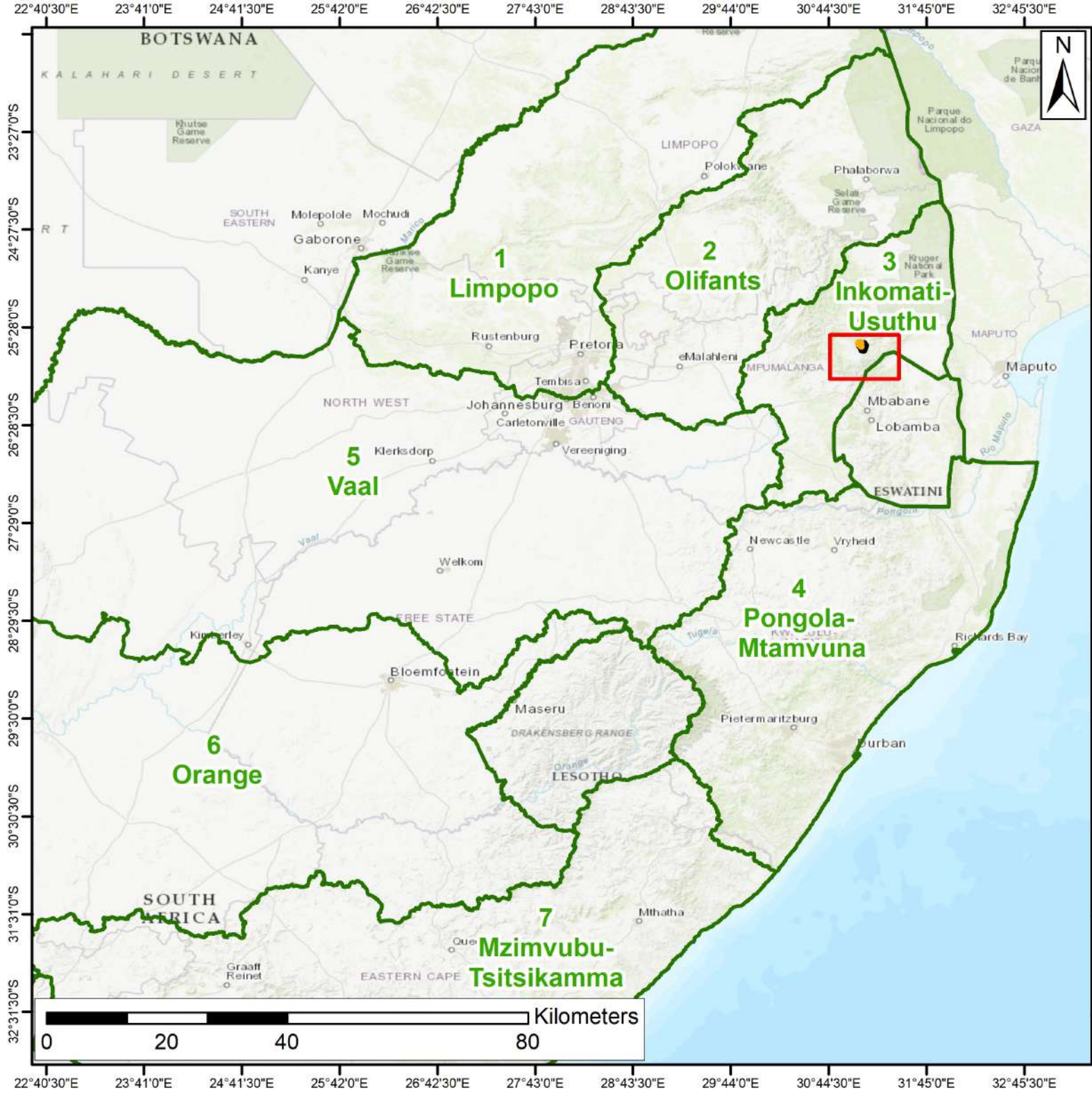
Local coordinate system: LO31  
Datum: Cape






**Legend**

- Shafts
- Bh. No. and surface position
- Riverside 245 JU
- Mundts Concession (Section C Kaap Block)
- Mining right
- Slimes dam
- TSF
- Built-up areas
- Farm boundaries
- Dykes
- Faults
- Underground development and stoping
- Measured Mineral Resources
- Indicated Mineral Resources
- Inferred Mineral Resources

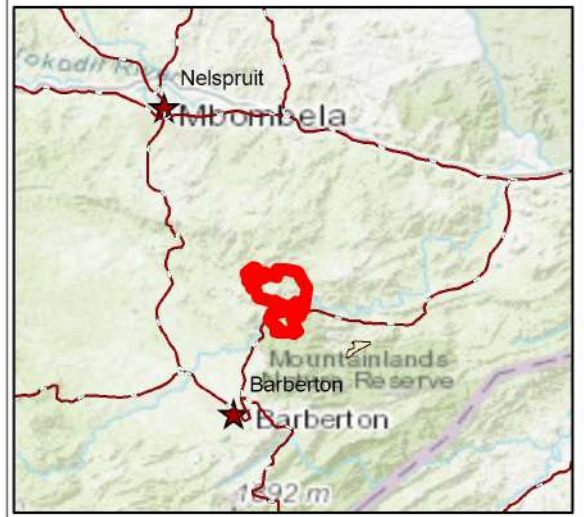




# Water Management Areas

-  New Consort Boundary
-  Water Management Areas
-  Application Area

**Data Source:**  
 Deptment of Water and Sanitation

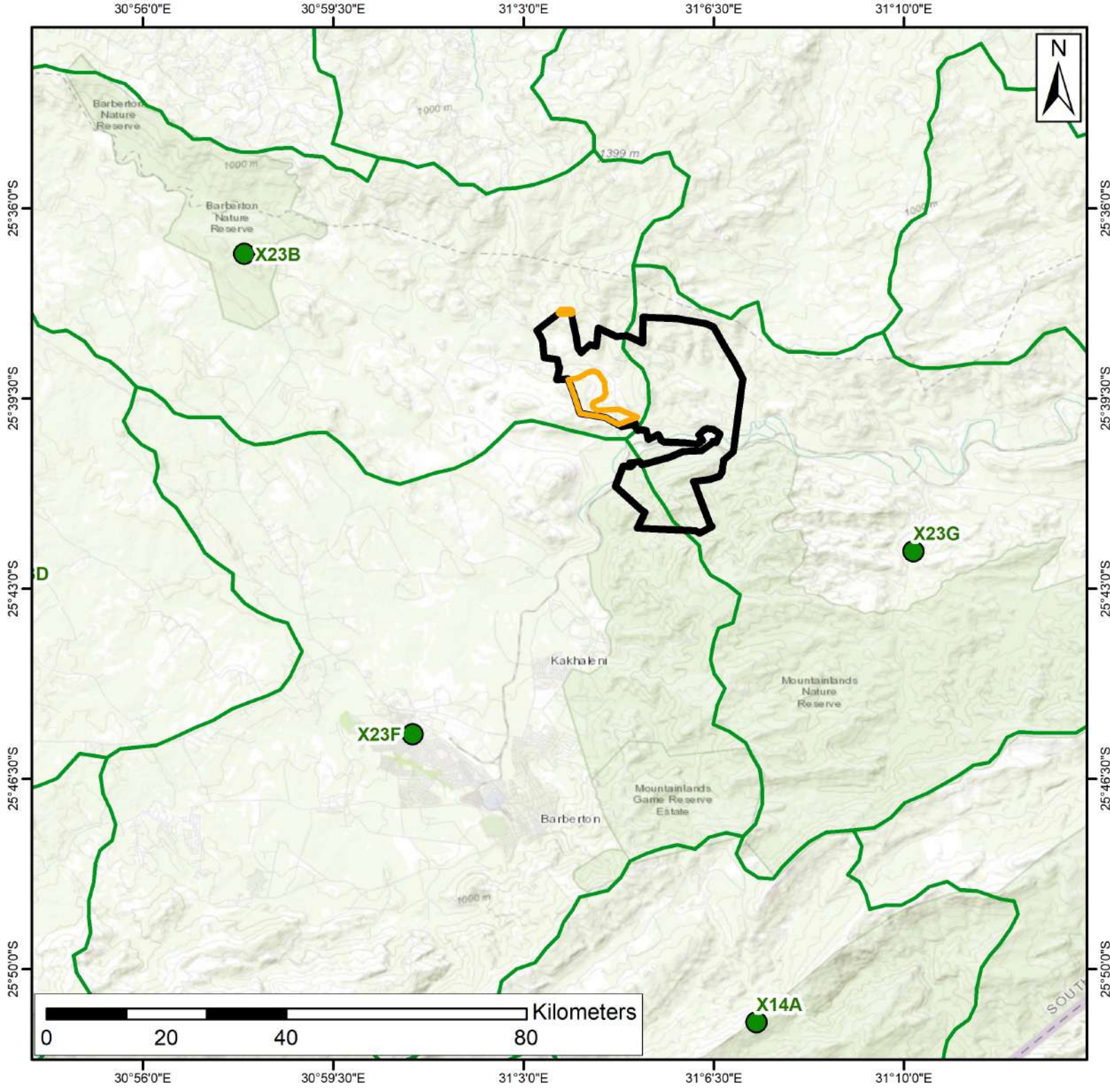


Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degrees

Prepared by:



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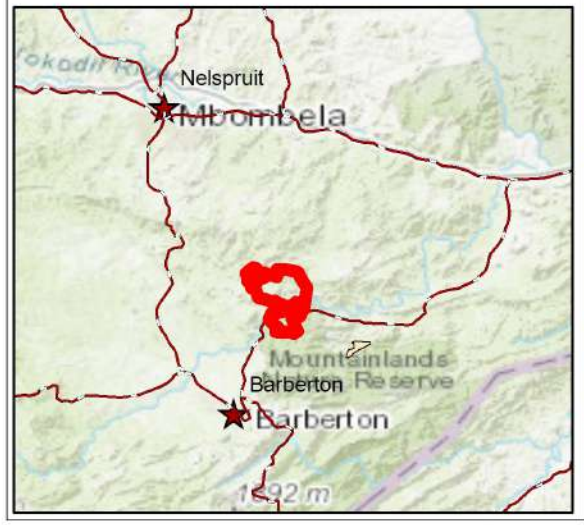


# Quarternary Catchment

## New Consort Mine

-  New Consort Boundary
-  Quaternaries Boundary
-  Application Area

**Data Source:**  
Department of Water and Sanitation

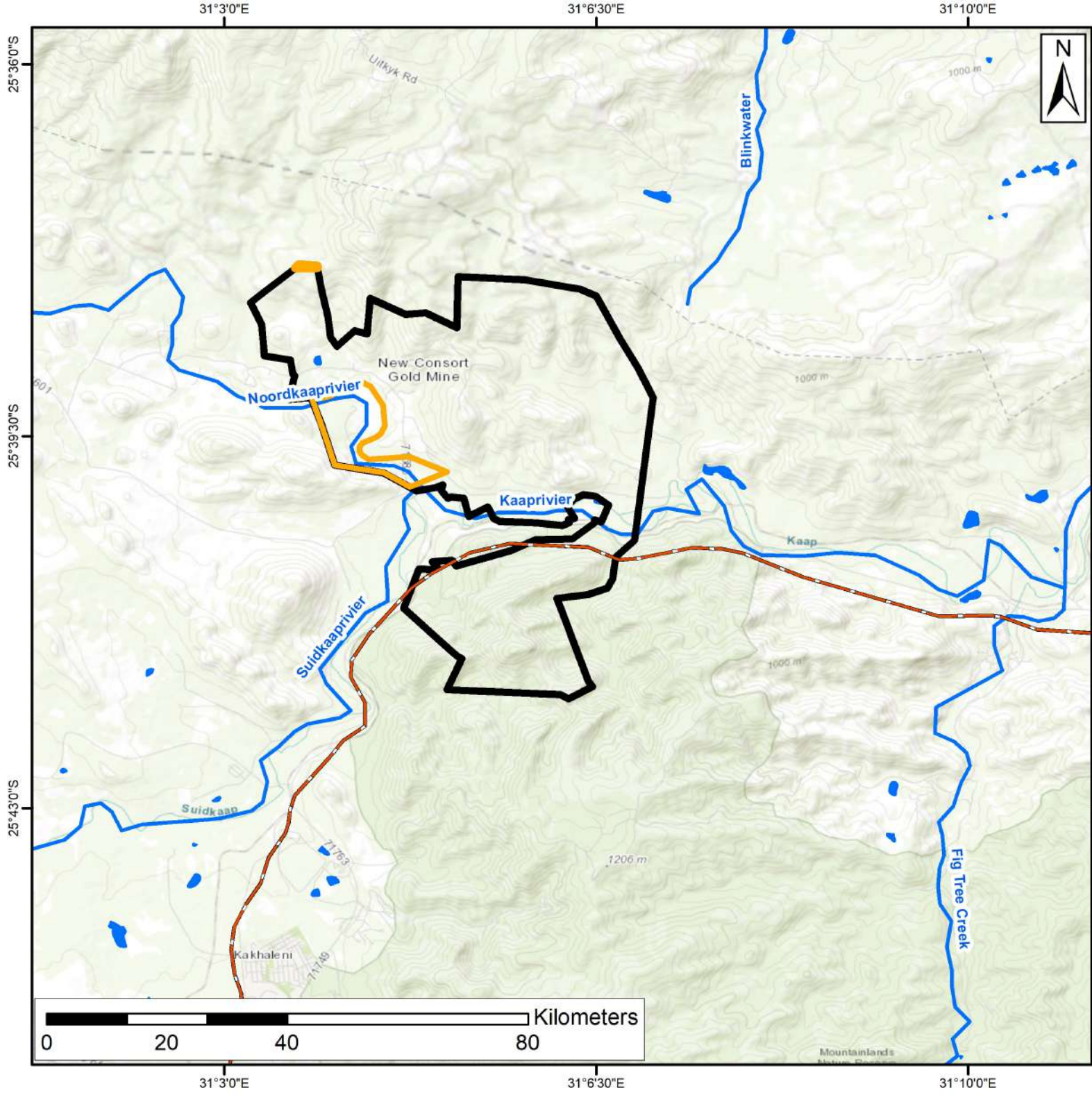


Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degrees

Prepared by:



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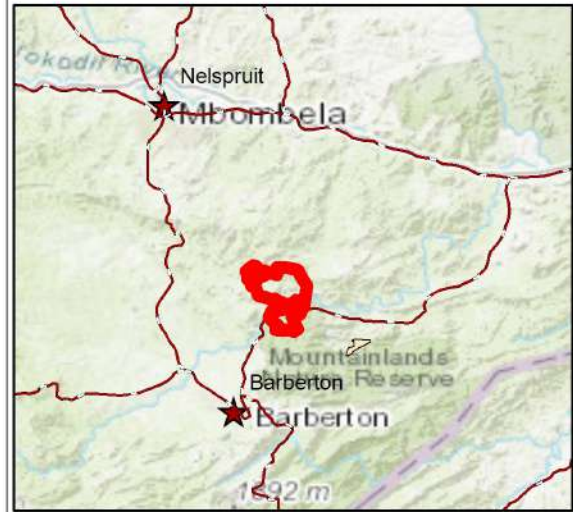
# Surface Hydrology

New Consort Mine

-  New Consort Boundary
-  Rivers
-  NFEPA Wetlands
-  Application Area

## Data Source:

Department of Water and Sanitation



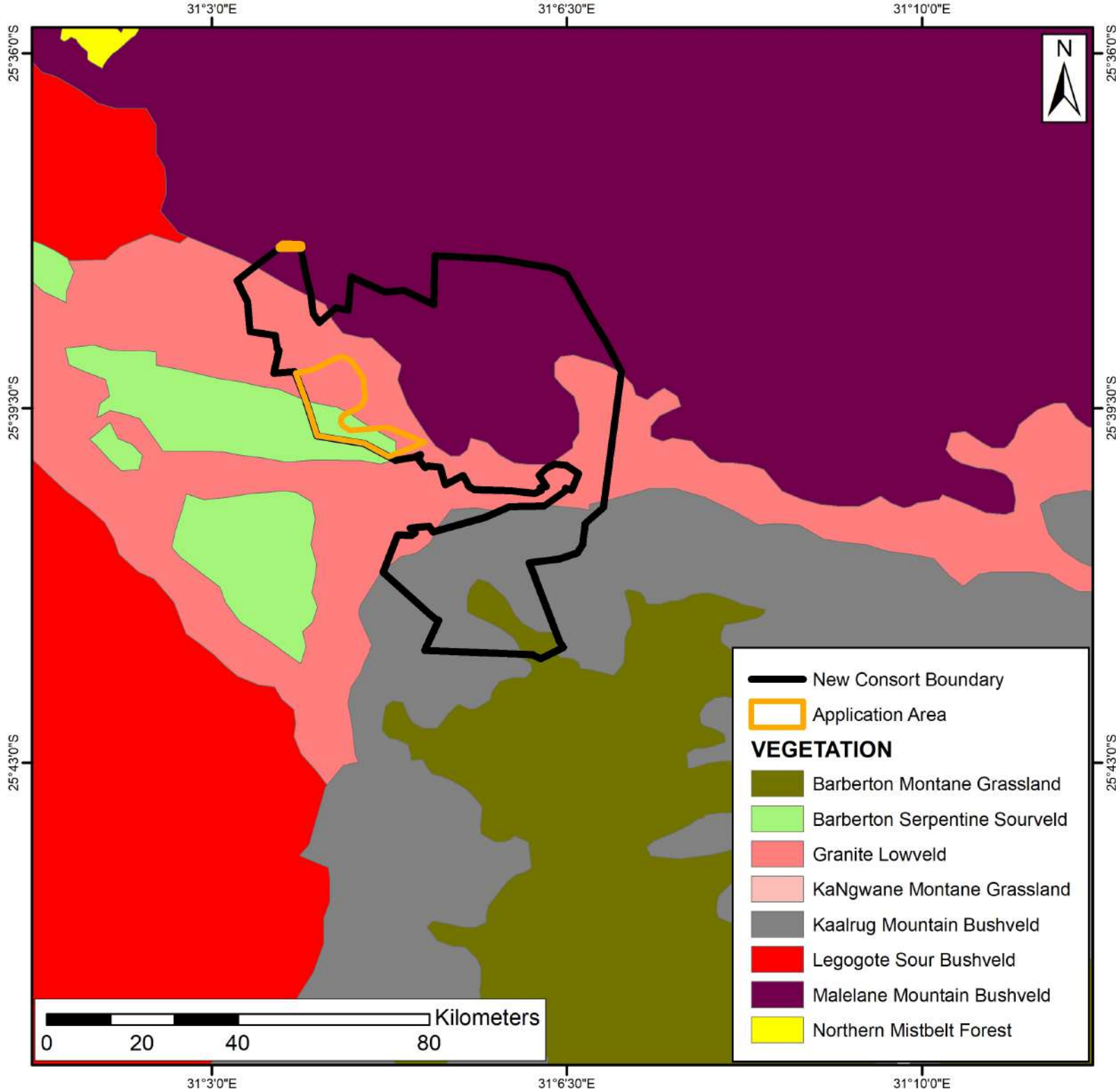
Coord System: GCS WGS 1984

Datum: WGS 1984

Units: Degrees

Prepared by:



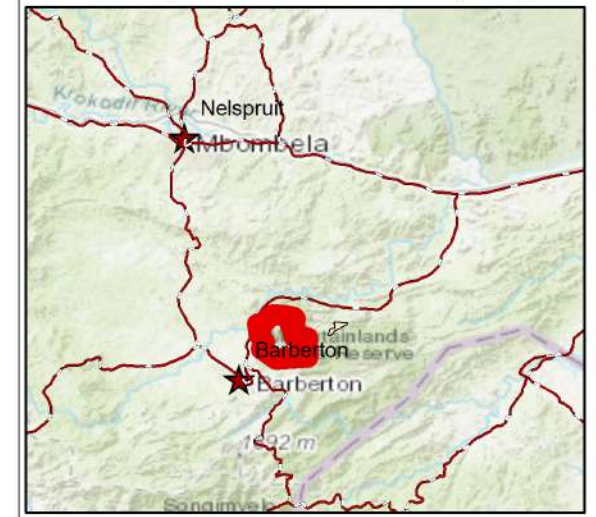


# Vegetation

New Consort Mine

### Data Source:

The vegetation of South Africa, Lesotho and Swaziland (Mucina and Rutherford (2006))



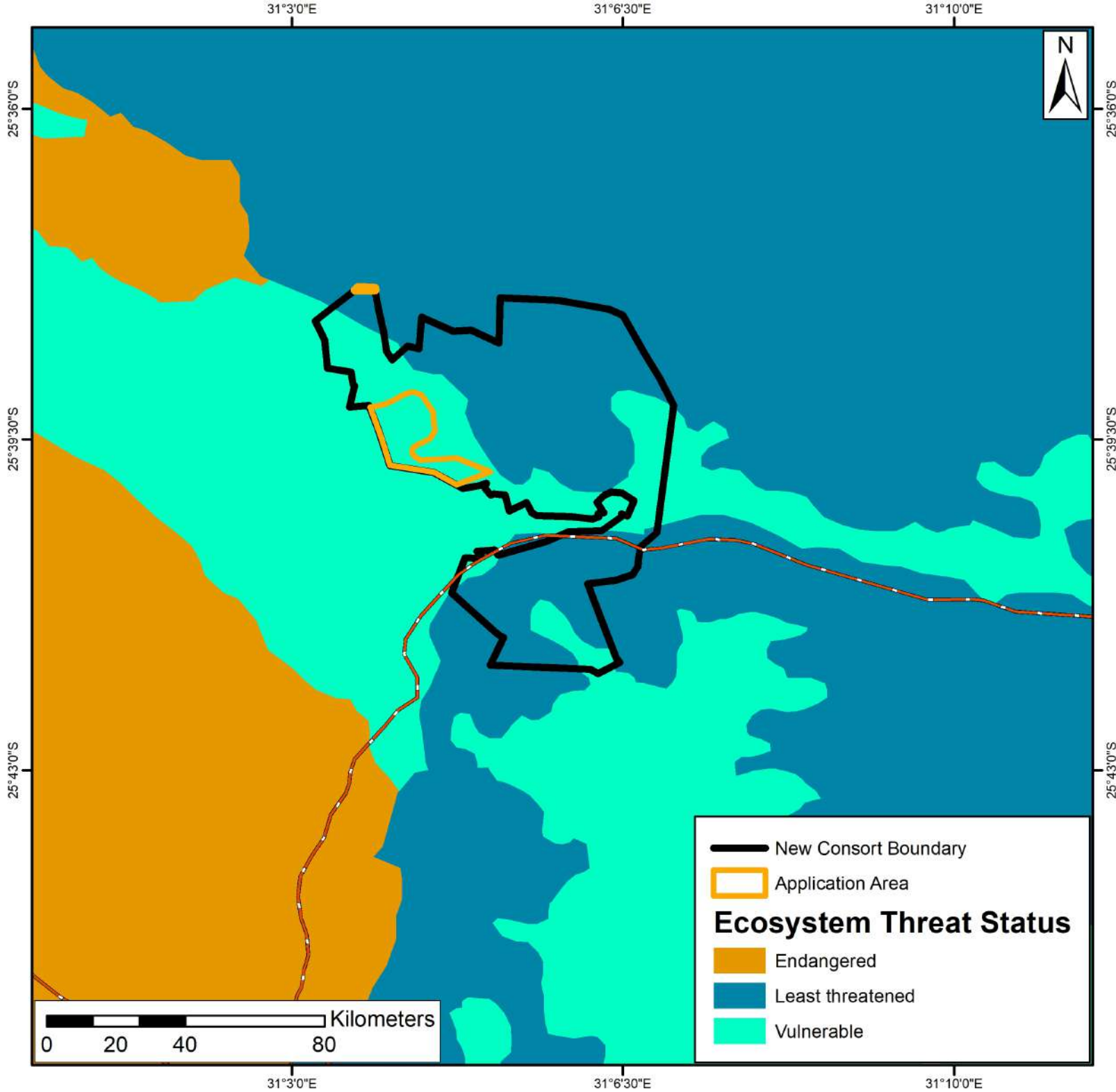
Coord System: GCS WGS 1984

Datum: WGS 1984

Units: Degrees

Prepared by:

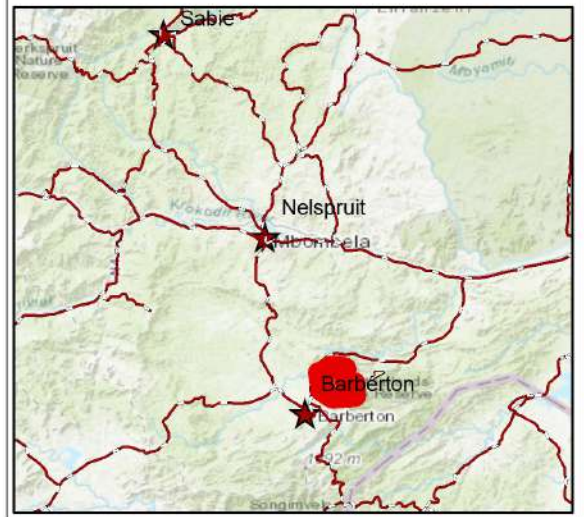




# Ecosystem Threat Status

## New Consort Mine

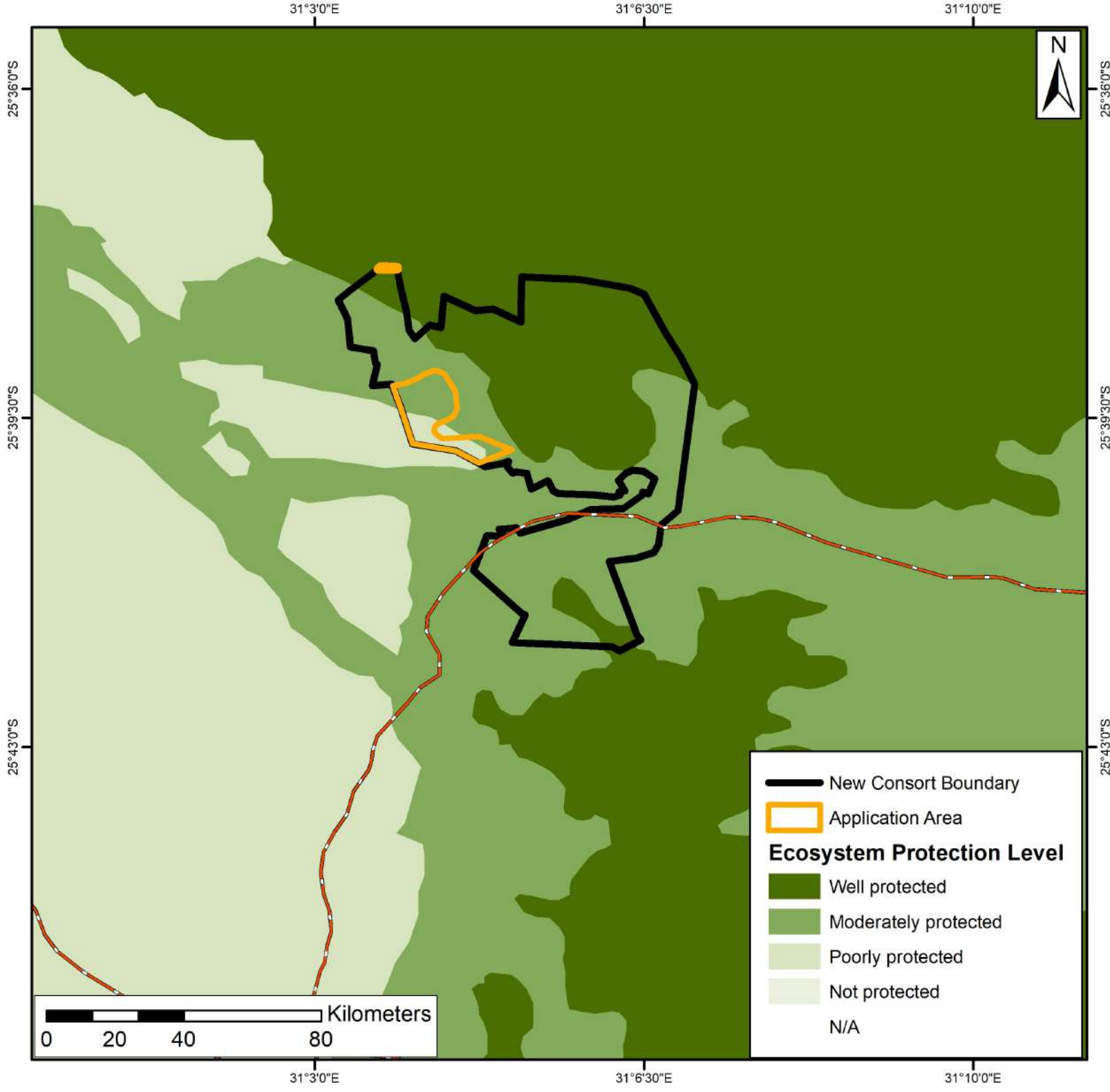
**Data Source:**  
 Department of Agriculture, Forestry and Fisheries (DAFF)



Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degrees

Prepared by:

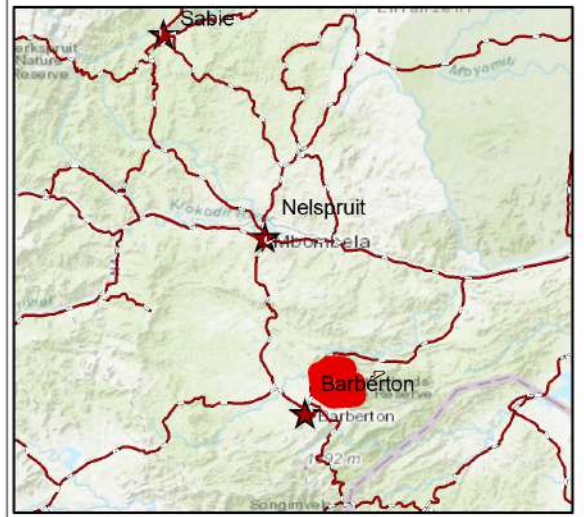
— New Consort Boundary  
 □ Application Area  
**Ecosystem Threat Status**  
 ■ Endangered  
 ■ Least threatened  
 ■ Vulnerable



# Ecosystem Protection Level

New Consort Mine

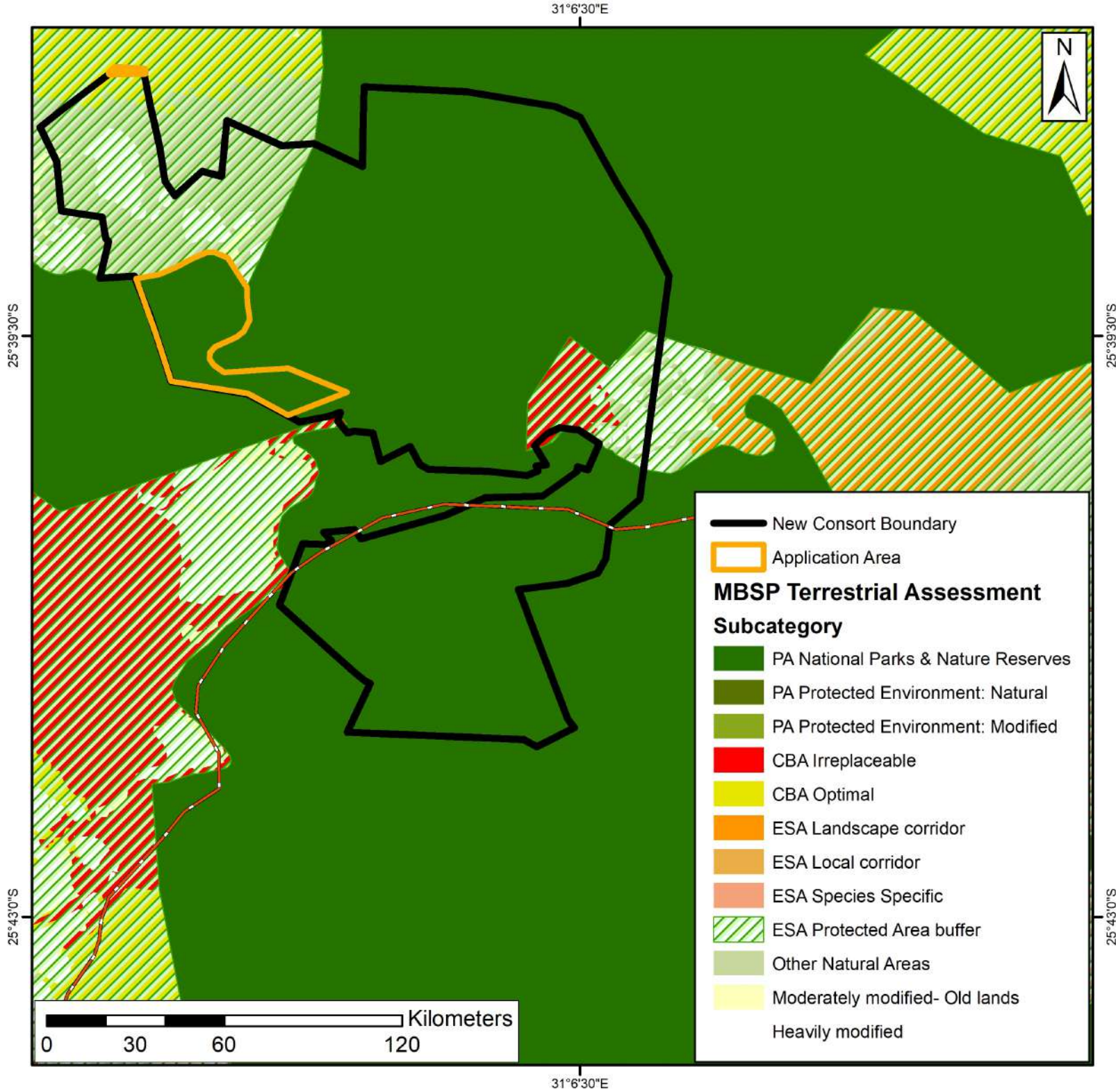
**Data Source:**  
Department of Agriculture, Forestry and Fisheries (DAFF)



New Consort Boundary  
 Application Area  
**Ecosystem Protection Level**  
 Well protected  
 Moderately protected  
 Poorly protected  
 Not protected  
 N/A

Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degrees

Prepared by:



# Terrestrial Critical Biodiversity

## New Consort Mine

**Data Source:**  
Mpumalanga Biodiversity Sector Plan (MBSP)



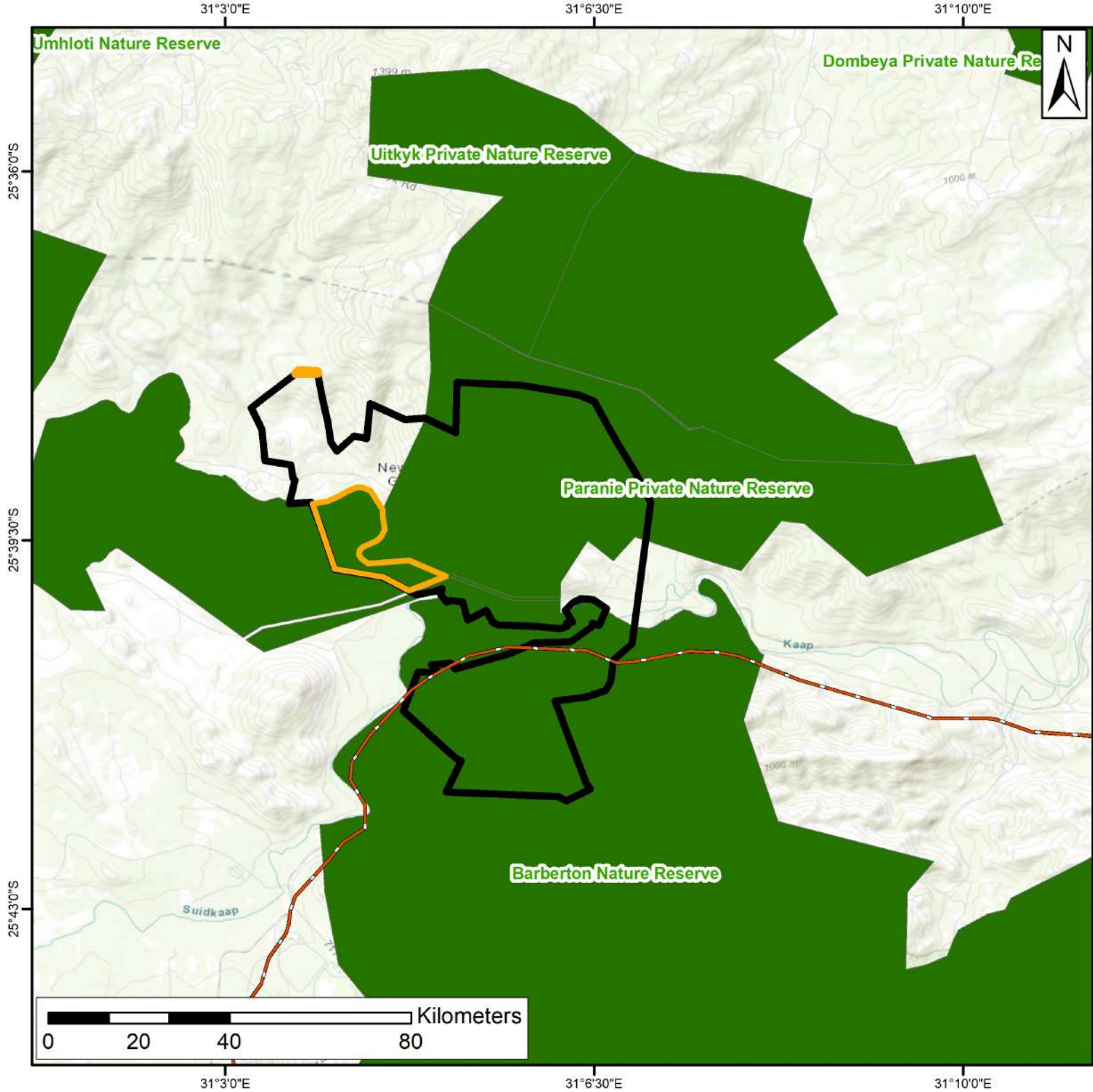
Coord System: GCS WGS 1984

Datum: WGS 1984

Units: Degrees

Prepared by:



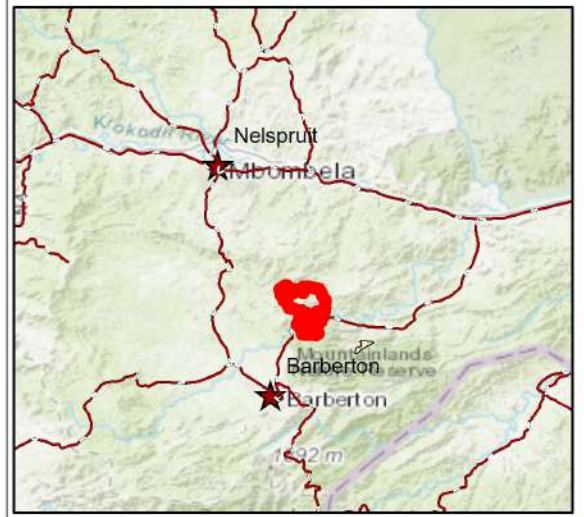


# Protected Area

New Consort Mine

-  New Consort Boundary
-  Application Area
-  Protected Area

**Data Source:**  
Department of Environmental Affairs



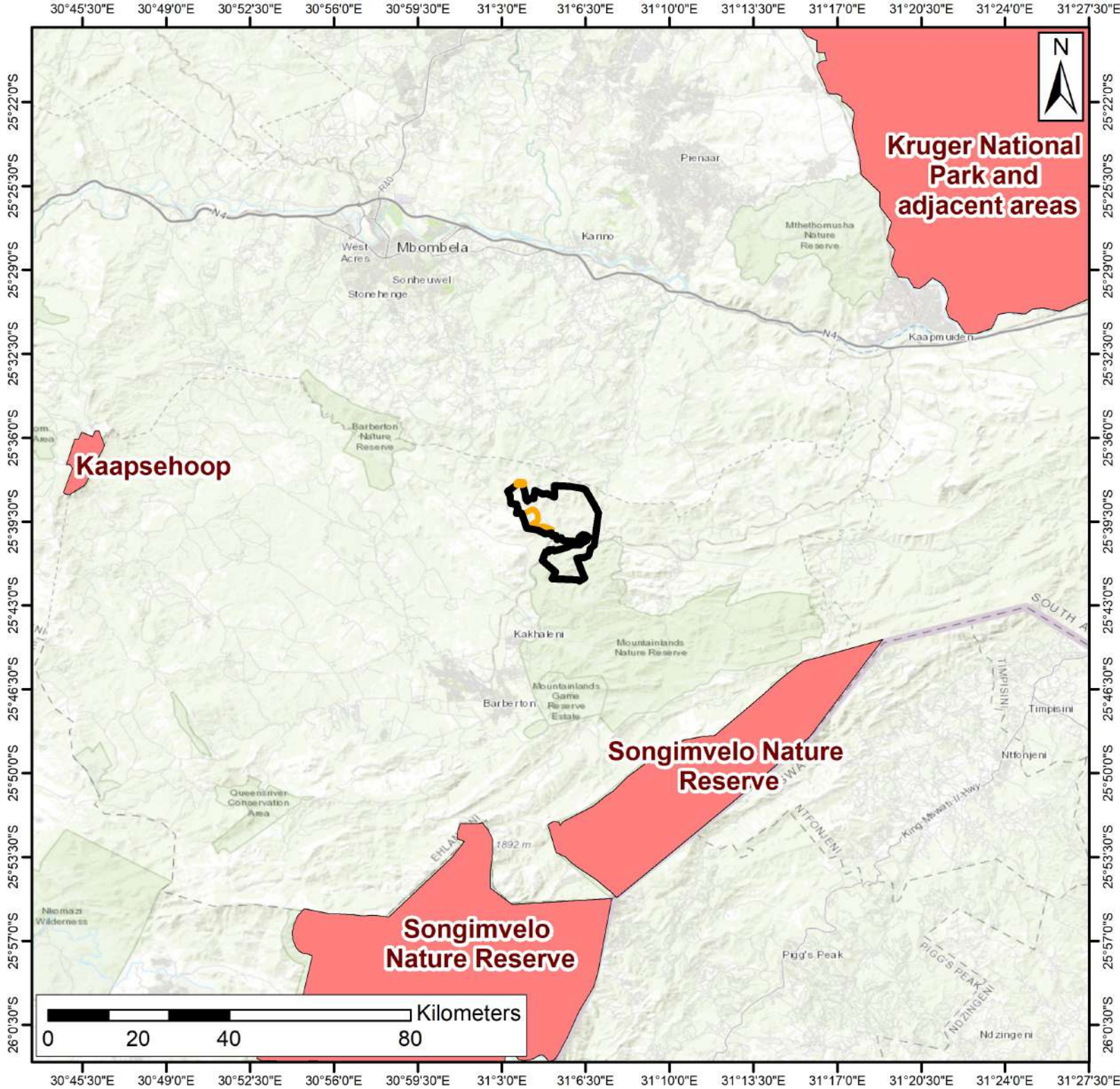
Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degrees

Prepared by:



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# Important Bird Areas

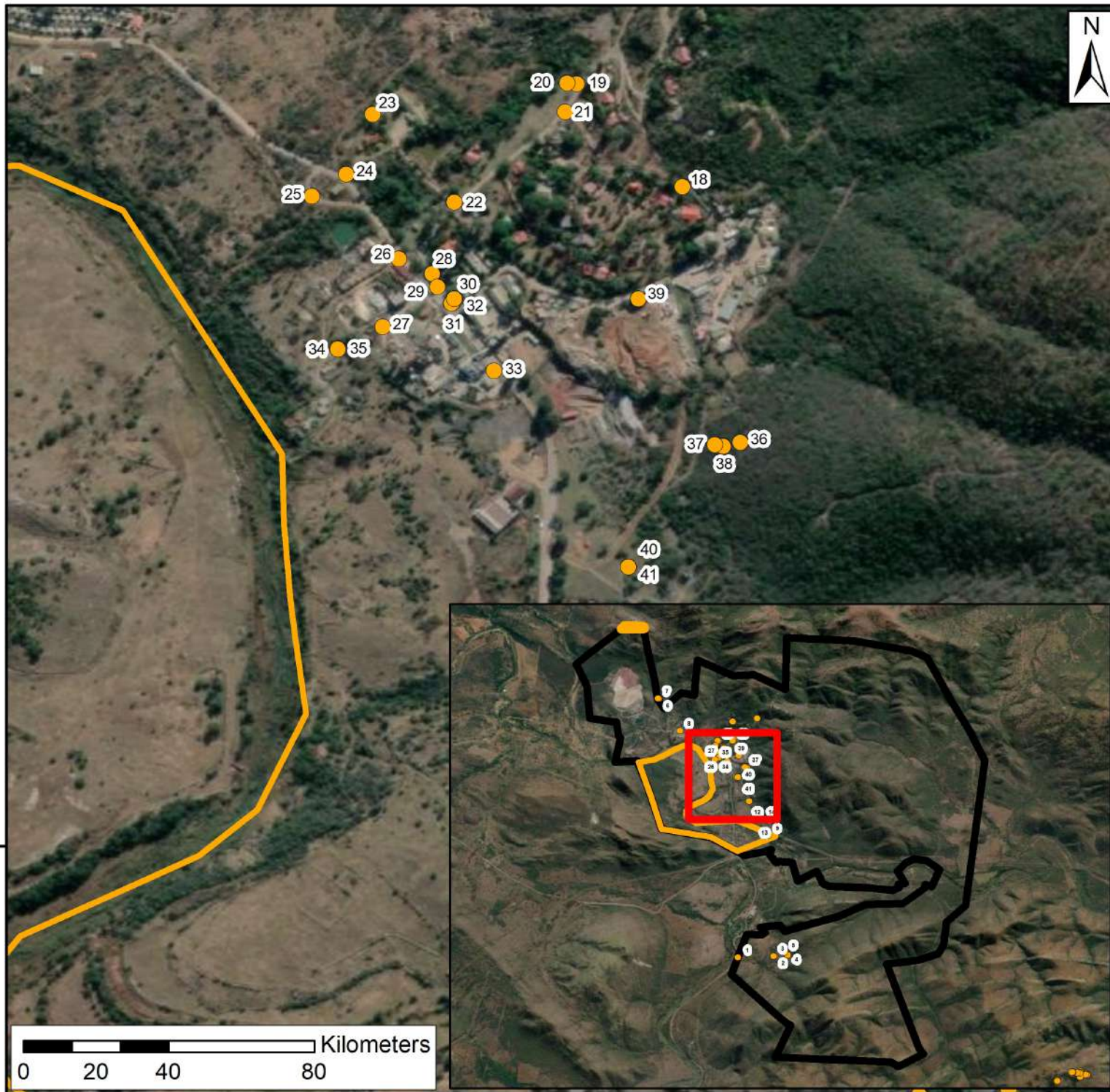
- New Consort Boundary
- Application Area
- Important Bird Areas

**Data Source:**  
Department of Environmental Affairs



Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degrees

Prepared by:



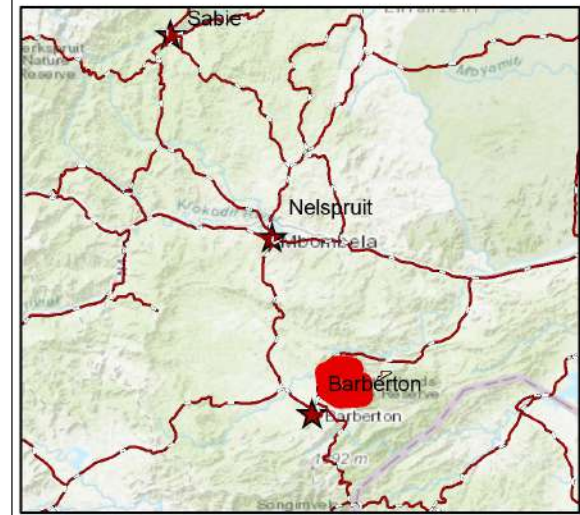
# Heritage Site

New Consort Mine

- Heritage
- Application Area
- New Consort Boundary

**Data Source:**

Department of Agriculture, Forestry and Fisheries (DAFF)



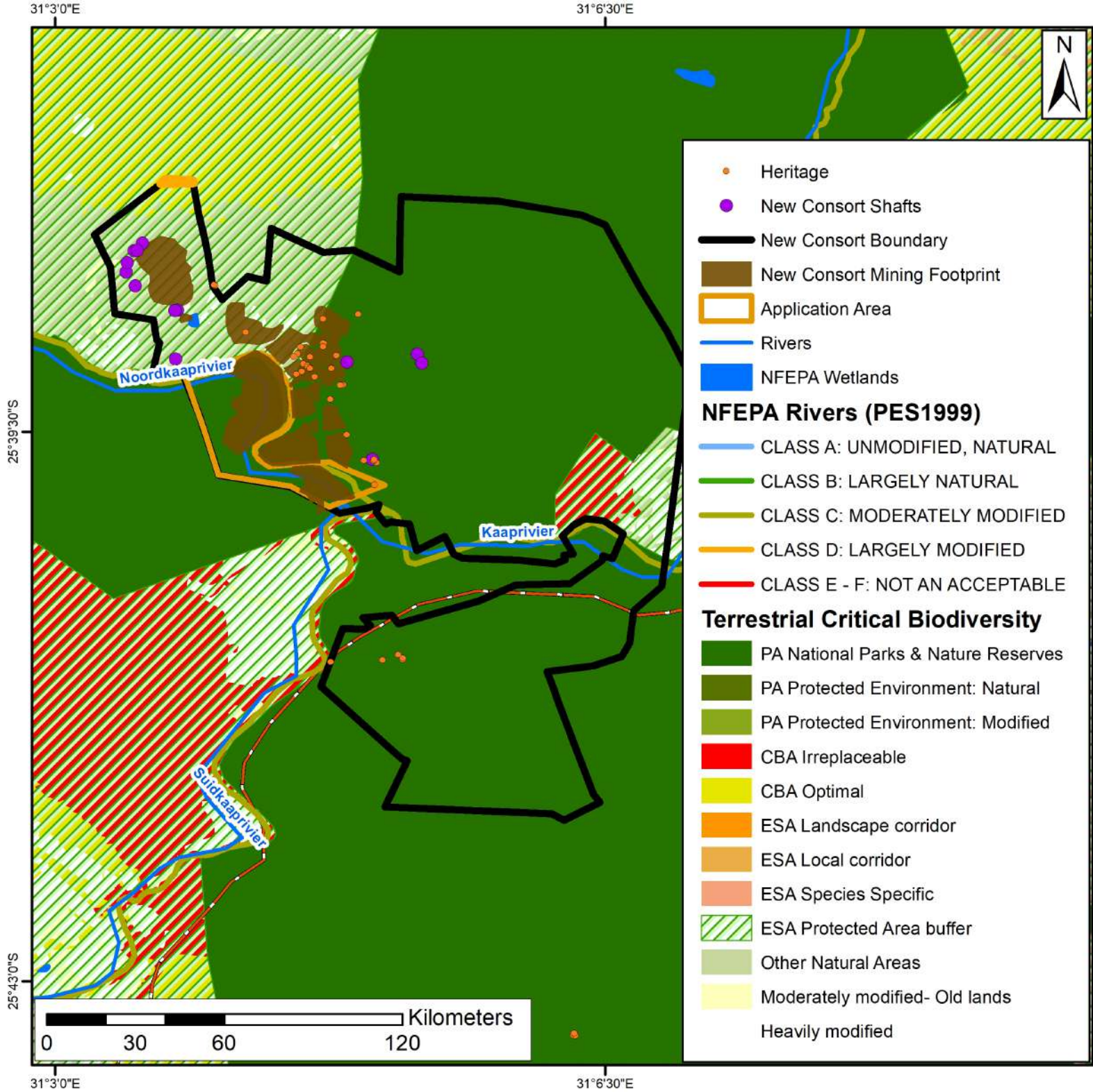
Coord System: GCS WGS 1984

Datum: WGS 1984

Units: Degrees

Prepared by:

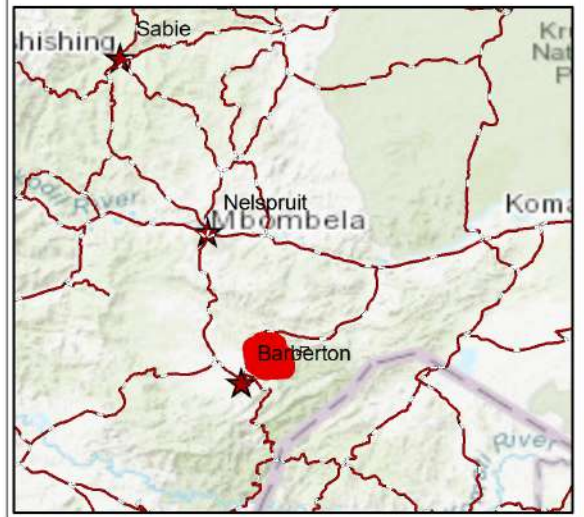




# Sensitive Environmental features - Overview

New Consort Mine

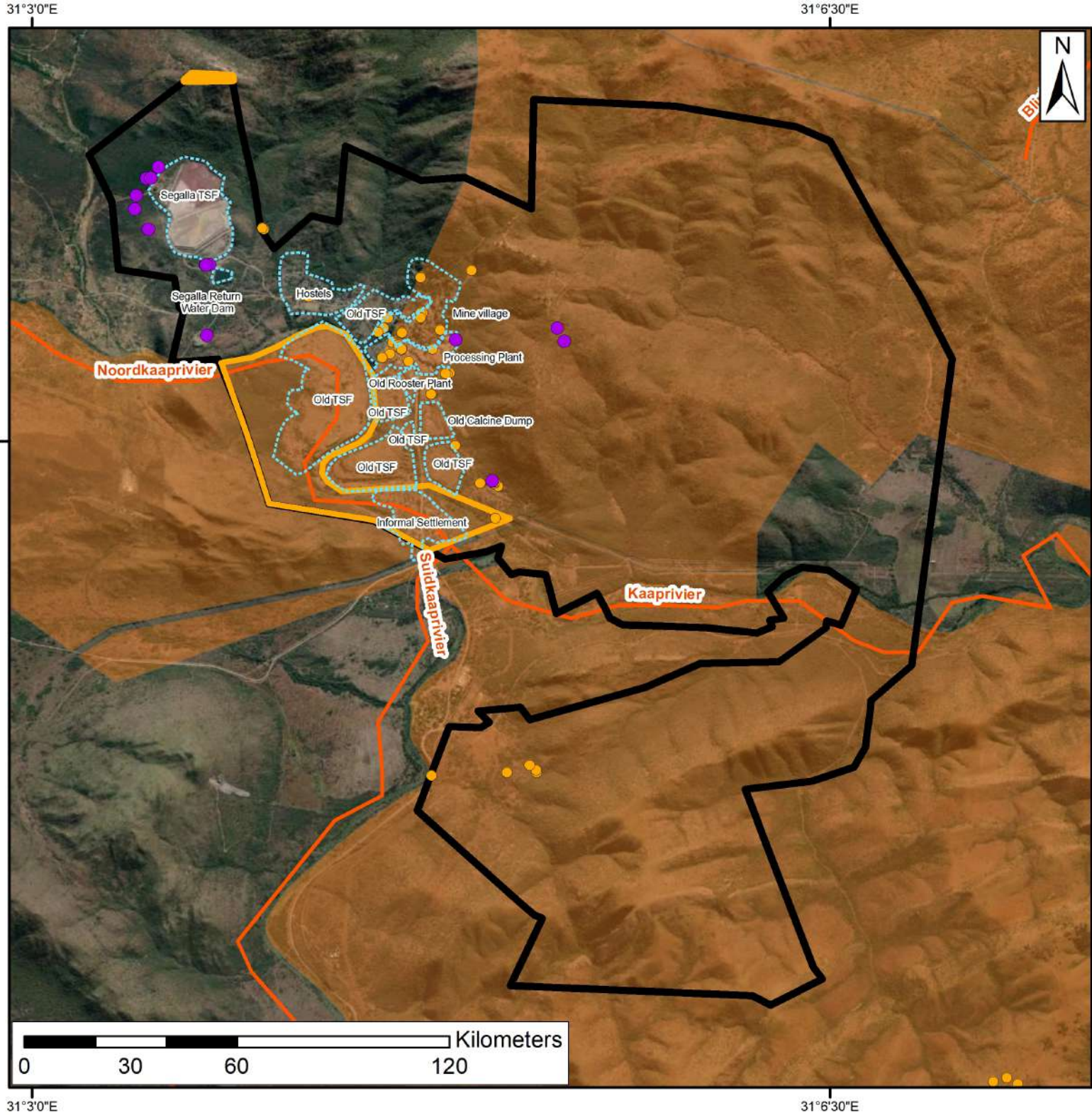
**Data Source:**  
Mpumalanga Biodiversity Sector Plan (MBSP)



Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degrees

Prepared by:

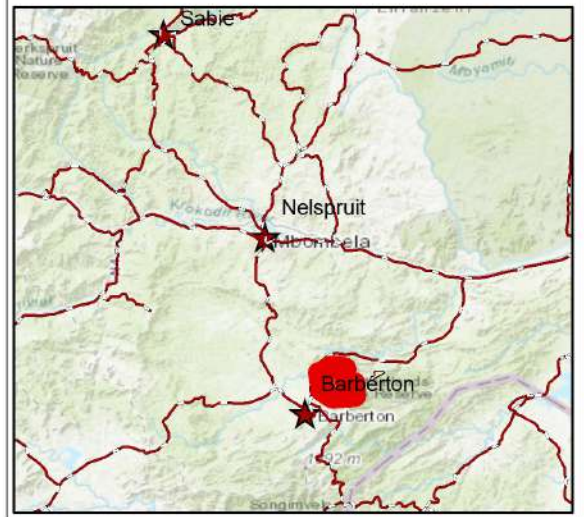
- Heritage
  - New Consort Shafts
  - New Consort Boundary
  - New Consort Mining Footprint
  - ▭ Application Area
  - Rivers
  - NFEPA Wetlands
- NFEPA Rivers (PES1999)**
- CLASS A: UNMODIFIED, NATURAL
  - CLASS B: LARGELY NATURAL
  - CLASS C: MODERATELY MODIFIED
  - CLASS D: LARGELY MODIFIED
  - CLASS E - F: NOT AN ACCEPTABLE
- Terrestrial Critical Biodiversity**
- PA National Parks & Nature Reserves
  - PA Protected Environment: Natural
  - PA Protected Environment: Modified
  - CBA Irreplaceable
  - CBA Optimal
  - ESA Landscape corridor
  - ESA Local corridor
  - ESA Species Specific
  - ▨ ESA Protected Area buffer
  - Other Natural Areas
  - Moderately modified- Old lands
  - Heavily modified



# Composite Sensitivity

New Consort Mine

- Heritage
- New Consort Shafts
- New Consort Boundary
- Application Area
- High Sensitivity
- New Consort Mining Footprint



Coord System: GCS WGS 1984

Datum: WGS 1984

Units: Degrees

Prepared by:

