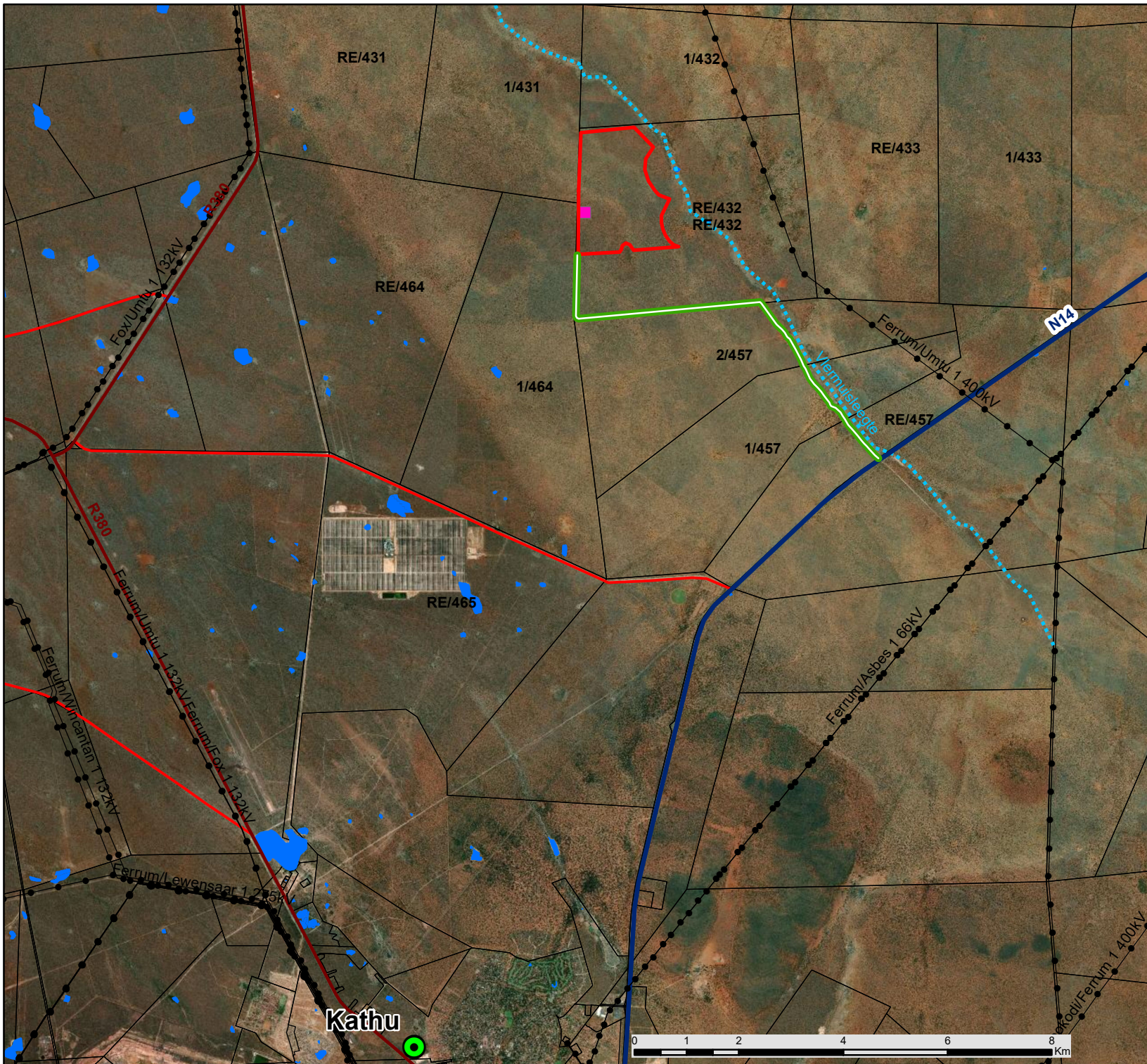


# Thermal Dual Fuel Facility at Hyperion PV SEF Northern Cape

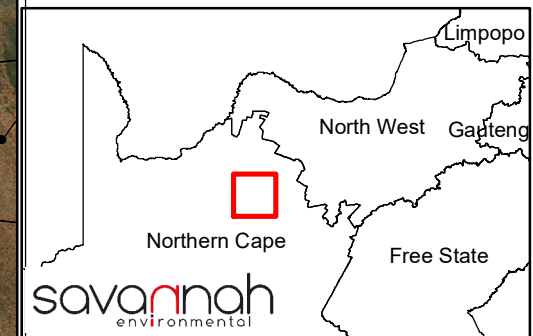
## Locality Map

### Legend

- Existing Power Line
- National Route
- Main Road
- ⋯ Non-perennial River
- Proposed Tar Access Road
- ▭ Authorised Hyperion PV SEF
- Proposed Thermal Dual Fuel Plant (5 ha)
- NFEPA Wetland
- ▭ Farm Portion



Scale: 1: 101 000  
 Projection: LO23  
 Ref: Hyperion Dual Fuel Thermal Facility Layout


















# Thermal Dual Fuel Facility at Hyperion PV SEF Northern Cape

## Layout Map

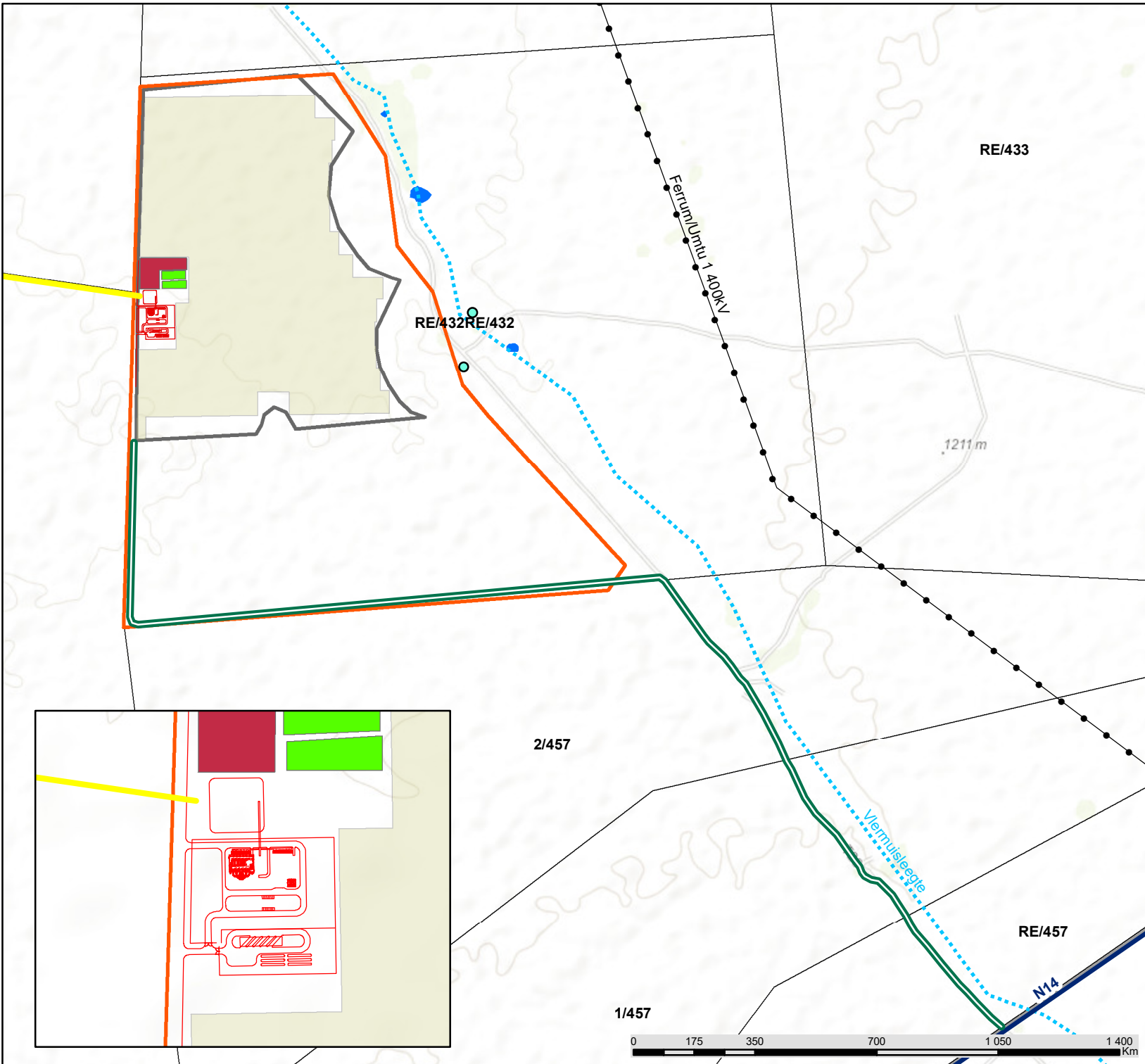
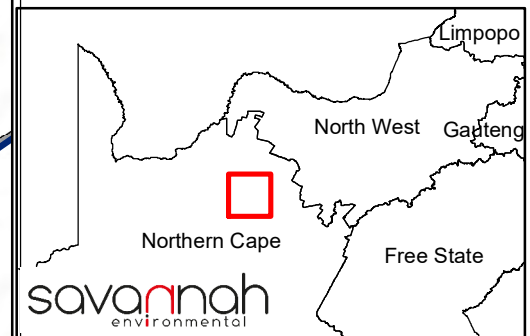
### Legend

-  Borehole
-  Proposed Thermal Power Plant
-  Proposed Access Road
-  Existing Power Line
-  National Route
-  Non-perennial River
-  Proposed 132kV Hyperion-Kalbas OHL (seperate authorisation)
-  NFEPA Wetland
-  Farm Portion

### Authorised Hyperion PV SEF

-  Energy Storage
-  Hyperion Area
-  Laydown Area
-  Hyperion PV Solar Field

Scale: 1: 35 000  
 Projection: LO23  
 Ref: Hyperion Dual Fuel Thermal Facility Layout


















# Thermal Dual Fuel Facility at Hyperion PV SEF Northern Cape

## Sensitivity Map




### Legend

-  Borehole
-  Proposed Tar Access Road
-  Existing Power Line
-  National Route
-  Main Road
-  Authorised Hyperion PV SEF
-  Proposed Thermal Dual Fuel Plant (5 ha)
-  Farm Portion

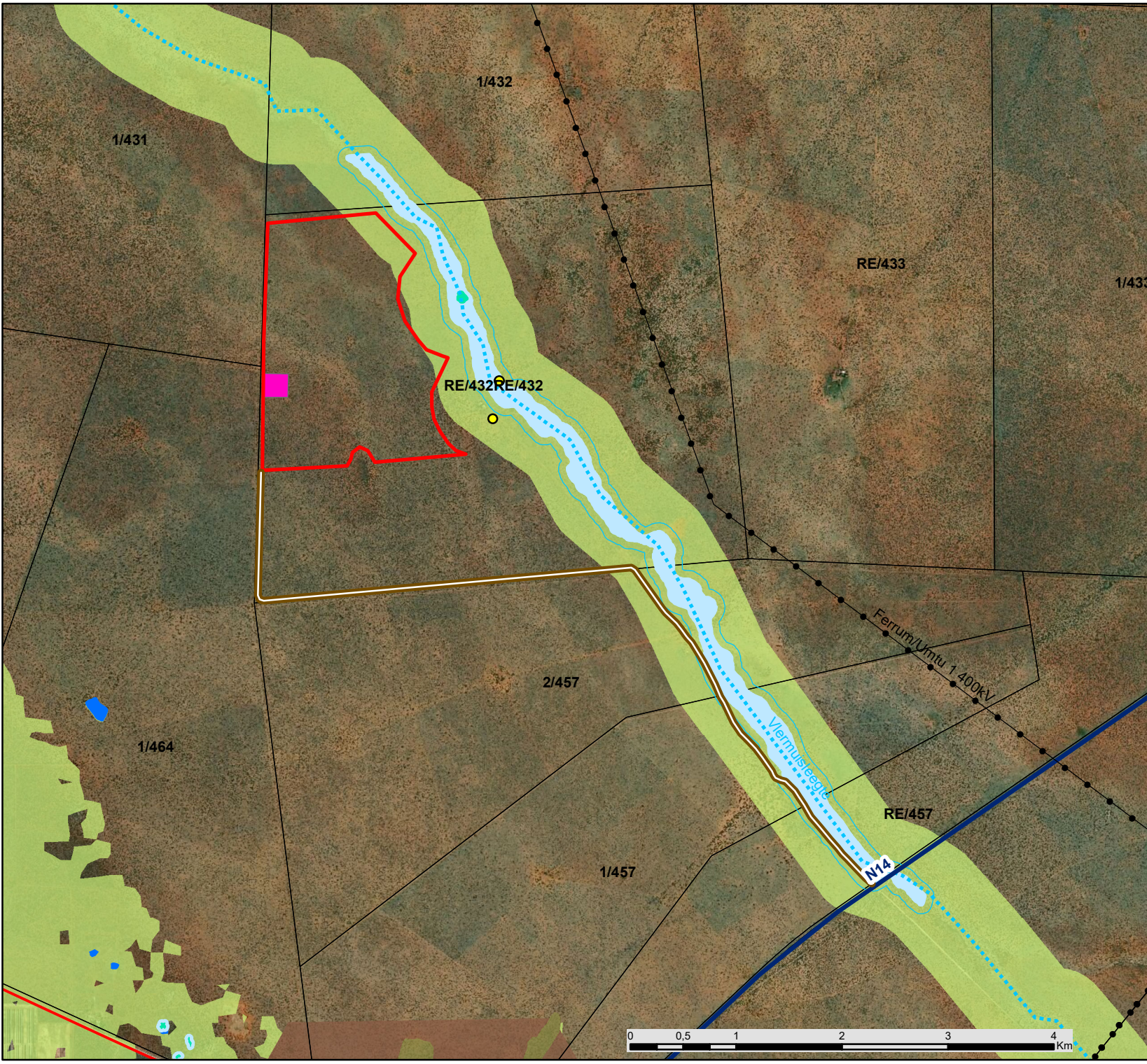
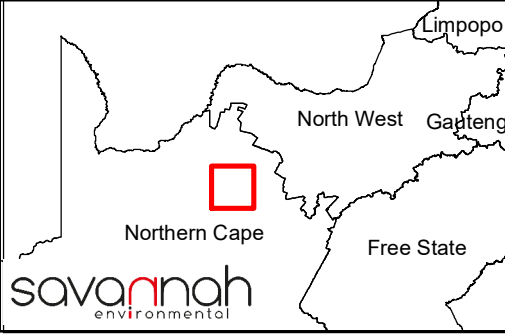
### Sensitive Environmental Features

-  Non-perennial River
-  Pan wetlands
-  100m GN509 Zone of Regulation
-  32m NEMA Zone of Regulation
-  NFEPA Wetland

### Critical Biodiversity Areas

-  CBA 1
-  CBA 2
-  ESA

Scale: 1: 50 000  
 Projection: LO23  
 Ref: Hyperion Dual Fuel Thermal Facility Sensitivity





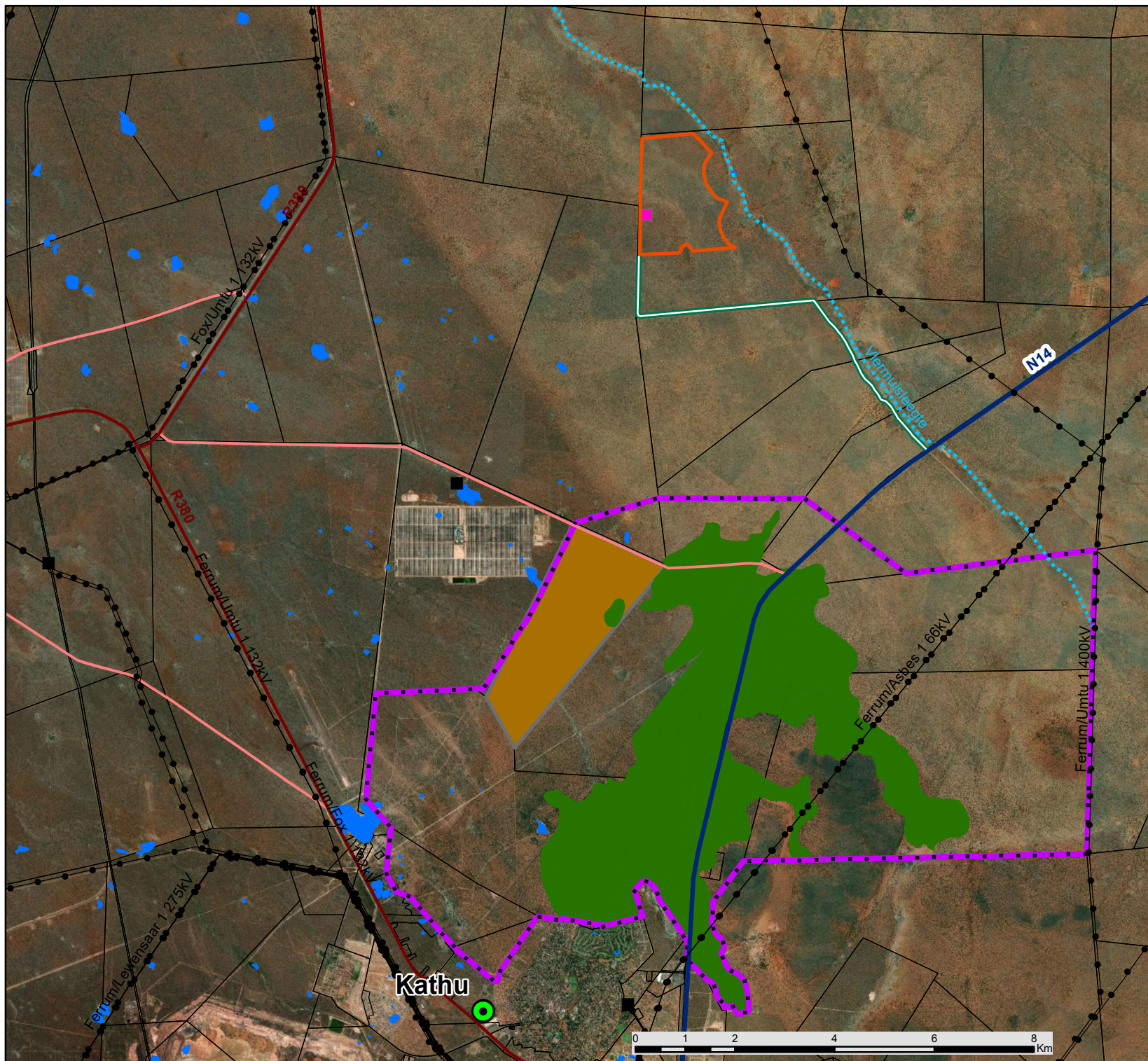
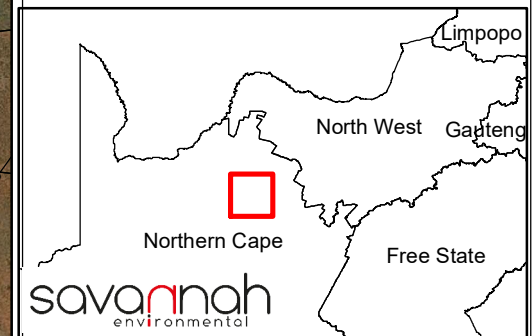
# Dual Fuel Thermal Plant at Hyperion Hybrid Facility Northern Cape

Protected Areas

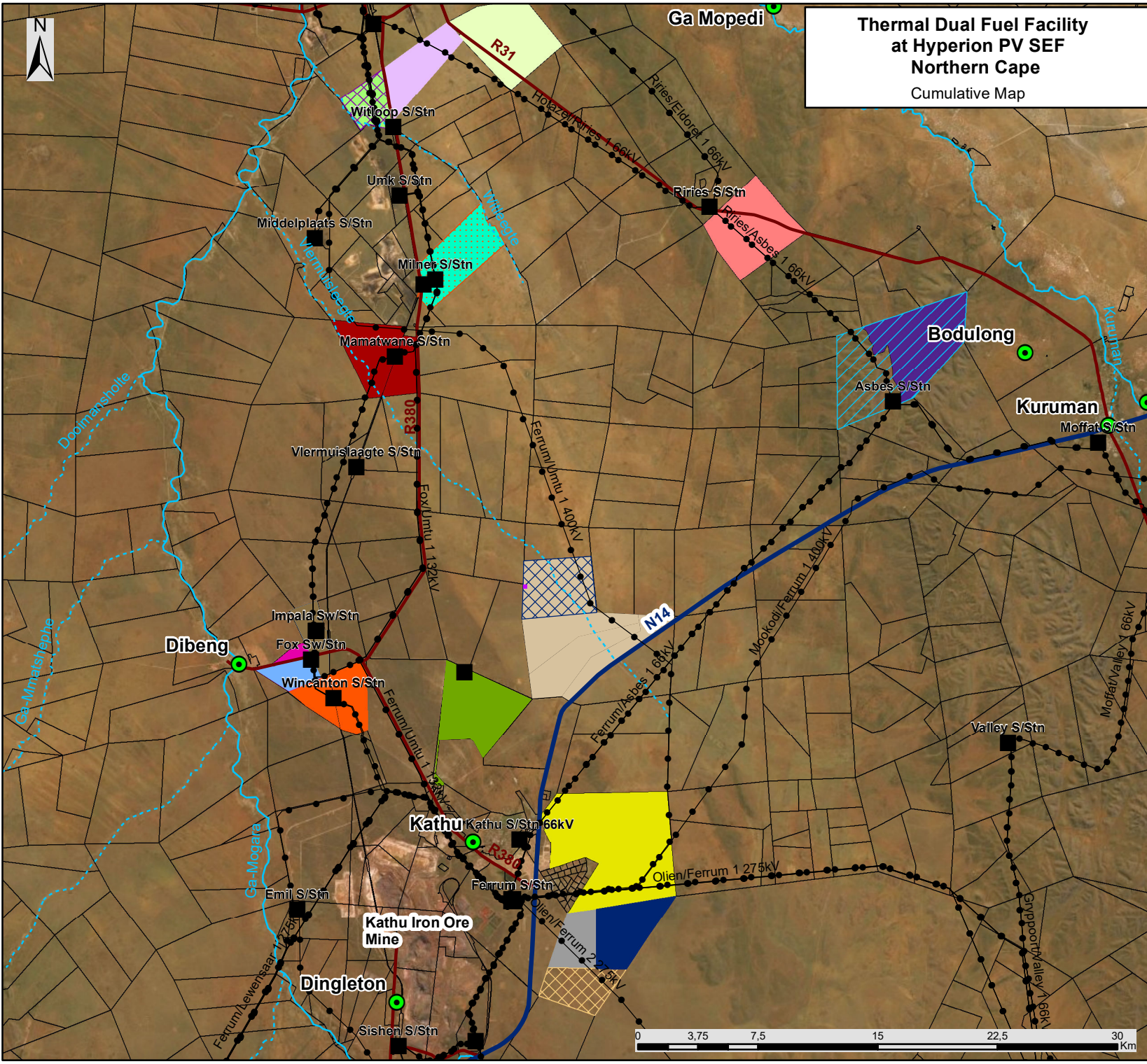
## Legend

- Eskom Substation (Existing)
- Proposed access road
- Existing Power Line
- National Route
- Regional Road
- Main Road
- Non-perennial River
- Protected Woodlands Area
- Kathu Forest Zone
- Kathu Forest Nature Reserve
- Authorised Hyperion PV SEF
- Proposed Thermal Dual Fuel Plant
- NFEPA Wetland
- Farm Portion

Scale: 1: 106 000  
 Projection: LO23  
 Ref: Hyperion Dual Fuel Thermal Protected Areas







**Thermal Dual Fuel Facility  
at Hyperion PV SEF  
Northern Cape  
Cumulative Map**

- Legend**
- Town
  - Eskom Substation
  - Existing Power Line
  - National Route
  - Regional Road
  - Perennial River
  - Non-perennial River
  - Thermal Plant
  - Project site

- Other known solar energy facilities:**  
(illustration based on affected properties and not project site)
- Hyperion PV SEF
  - Kathu Solar Energy Facility (2 x PV) (1 x PB1)
  - Sishen Solar Energy Facility (PB2)
  - Kalahari Solar Power Project (3 x CSP) (1 x PB3.5)
  - San Solar Energy Facility
  - Kagiso Solar Power Plant
  - Tshepo Solar Power Plant
  - Perth-Kuruman Solar Farm
  - Perth-Hotazel Solar Farm
  - 19MW Adams Solar Power Generation Plant
  - 75MW Adams PV2 Solar Energy Facility (PB3)
  - Whitebank Solar Plant
  - 10 MW Roma Energy Mount Roper Solar Plant
  - Boitshoko Solar Power Plant
  - AEP Kathu Solar PV Energy Facility
  - Bestwood Solar Farm
  - Shirley Solar Park
  - AEP Legoko PV Solar Facility
  - AEP Mogobe PV Solar Energy Facility
  - 5MW Roma Energy Mount Ropers Solar Plant

Scale: 1:331 319  
Projection: LO23  
Ref: Hyperion Cumulative Map

Limpopo  
 North West  
 Gauteng  
 Mpumalanga  
 Northern Cape  
 Free State

savannah environmental

