



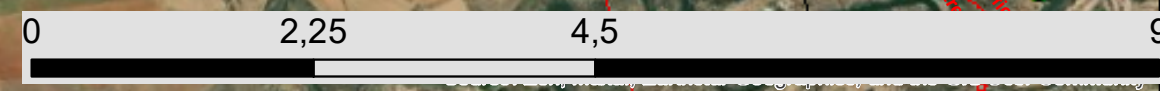
# Harmony One Plant Solar PV Free State Province

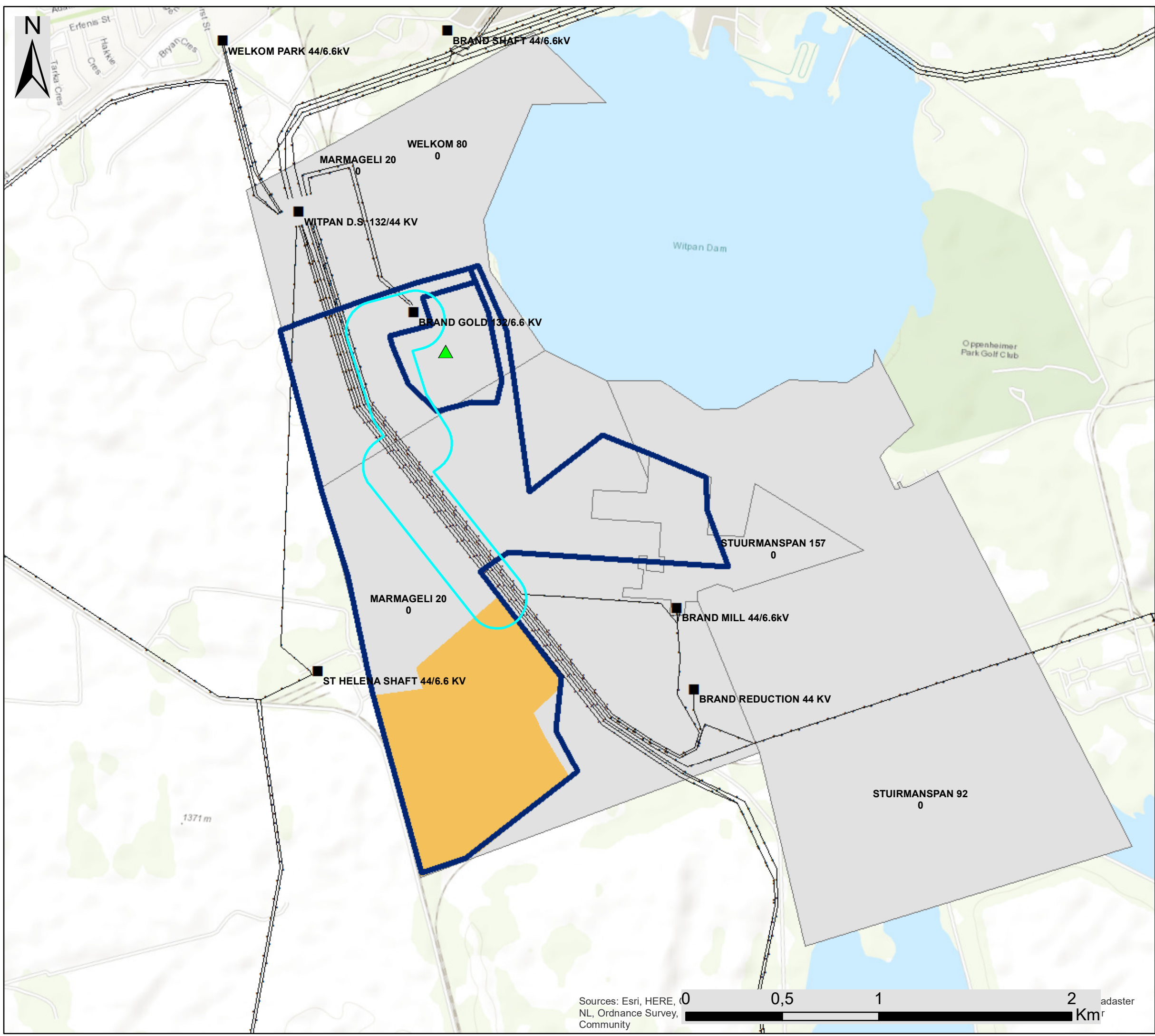
## Locality Map

### Legend

- Town
- Harmony 1 Gold Plant
- Bambanani Mine Welkom
- Eskom Substation
- Existing Power Line
- Thabong Game Farm
- Harmony Proposed Development**
- Harmony One Plant Development Area
- Grid Connection Corridor (300m)
- Development Footprint
- Affected Properties

Scale: 1:50 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Locality Map





# Harmony One Plant Solar PV Free State Province

## Layout Map

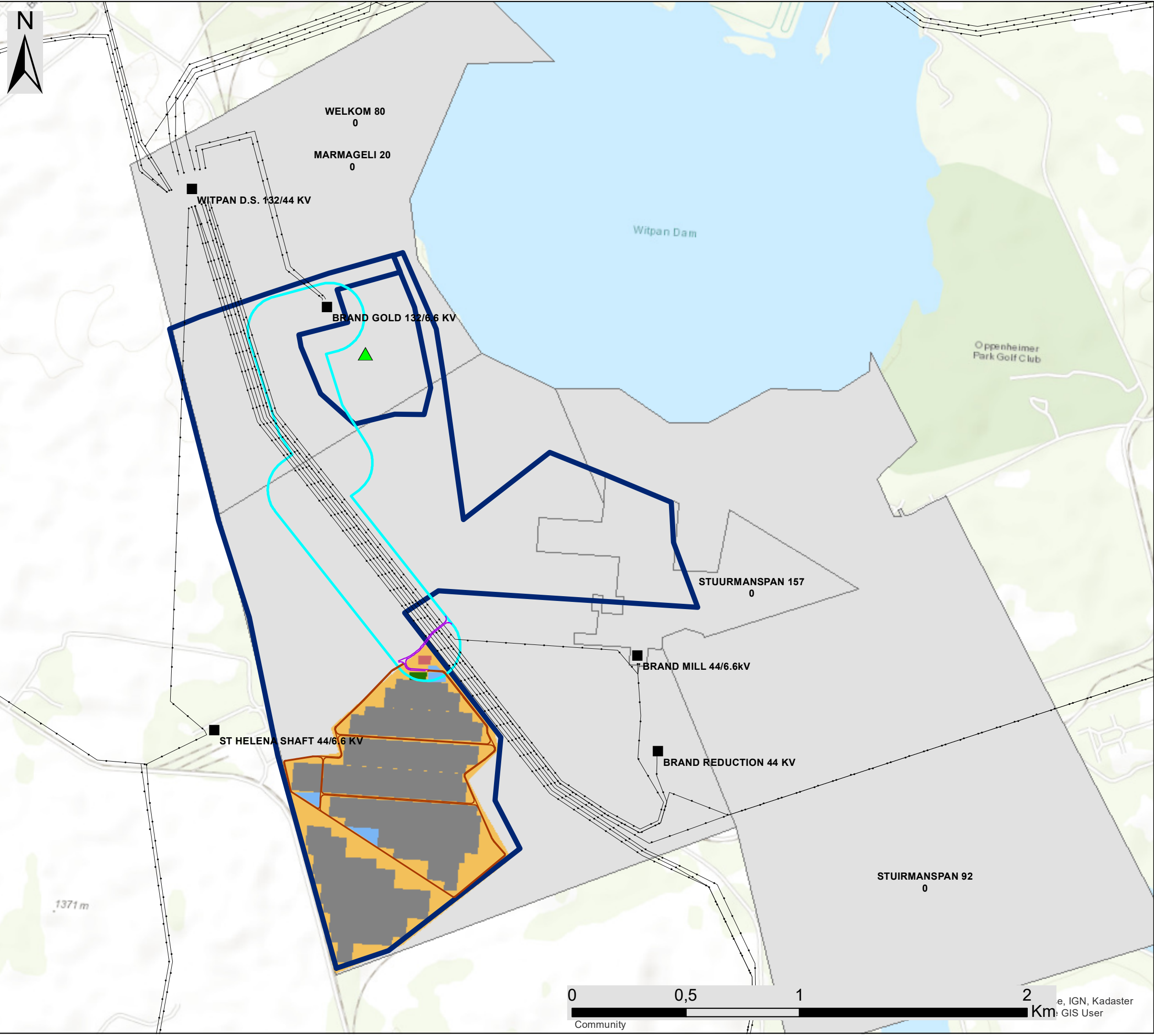
### Legend

- ▲ Harmony 1 Gold Plant
- Eskom Substation
- Existing Power Line
- Proposed Development**
- Affected Properties
- Harmony One Plant Development Area
- Development Footprint
- Grid Connection Corridor (300m)

Scale: 1:15 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Layout Map



Sources: Esri, HERE, 0 0,5 1 2 adaster  
 NL, Ordnance Survey, Community  
 Km



# Harmony One Plant Solar PV Free State Province

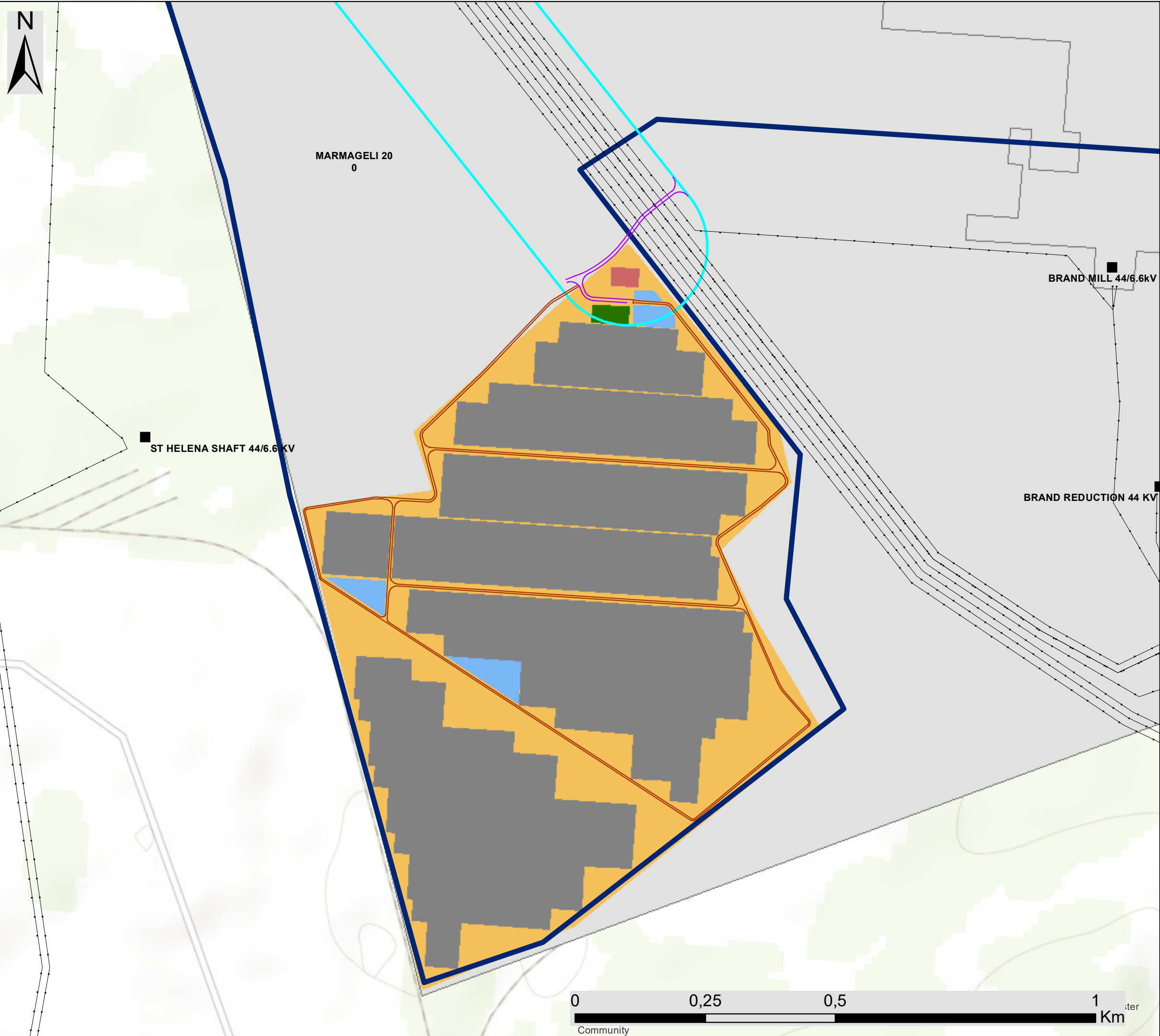
## Layout Map

### Legend

- ▲ Harmony 1 Gold Plant
- Eskom Substation
- Existing Power Line
- Proposed Development**
- Affected Properties
- Harmony One Plant Development Area
- Development Footprint
- O&M and Storage Hub
- PV Arrays
- Laydown Areas
- Internal Roads
- Access Road
- Grid Connection Corridor (300m)
- On-Site Facility Substation & Switching Station Hub

Scale: 1:15 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Layout Map





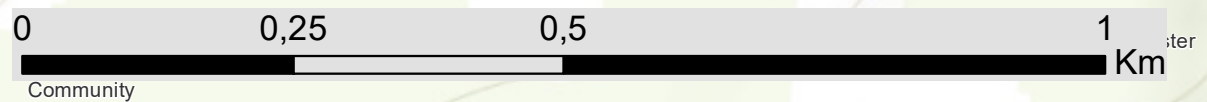
# Harmony One Plant Solar PV Free State Province

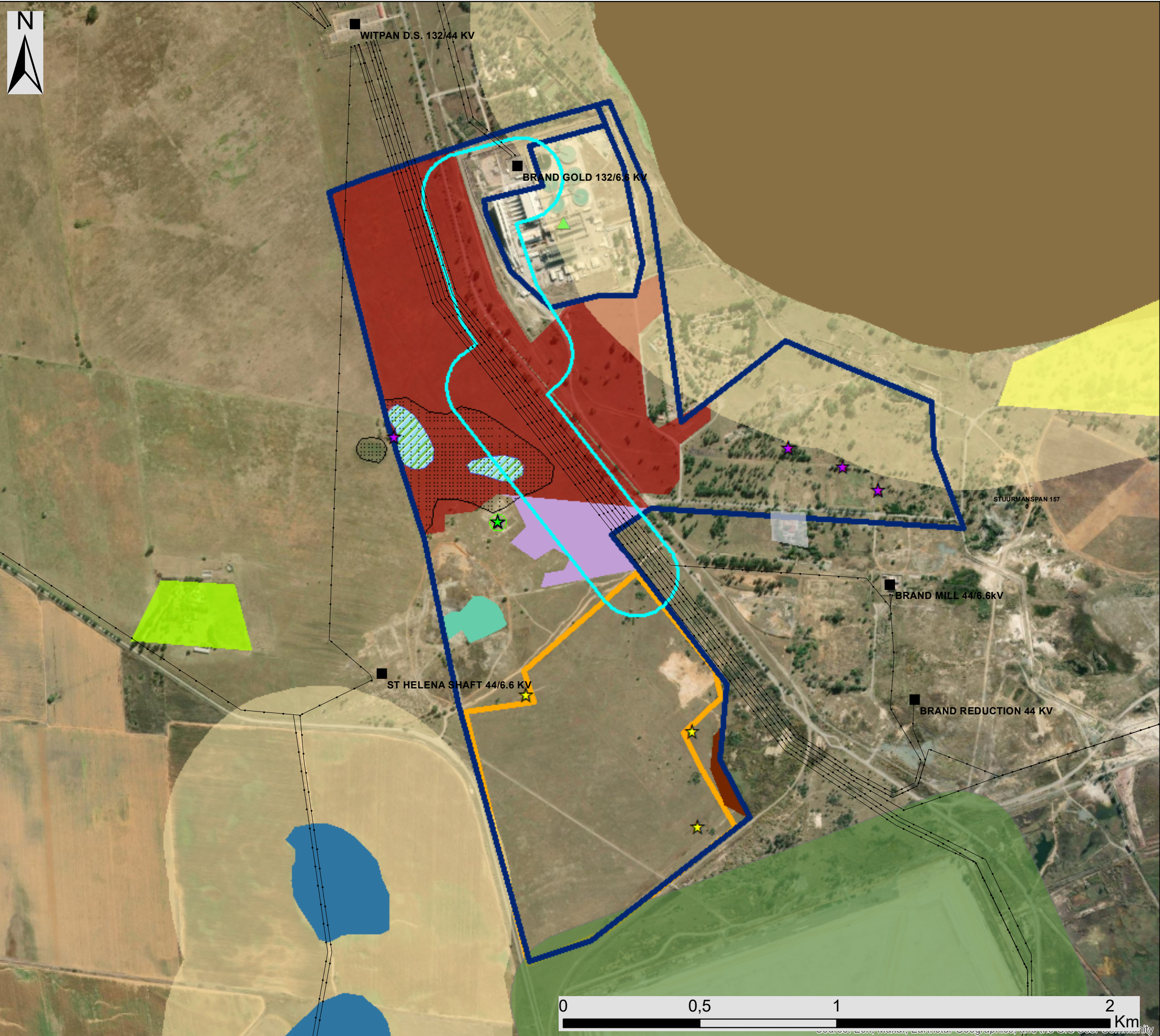
## Layout Map

### Legend

- Harmony 1 Gold Plant
- Eskom Substation
- Existing Power Line
- Affected Properties
- Harmony One Plant Development Area
- Development Footprint
- O&M and Storage Hub
- PV Arrays
- Laydown Areas
- Internal Roads
- Access Road
- Grid Connection Corridor (300m)
- On-Site Facility Substation & Switching Station Hub

Scale: 1:15 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Layout Map



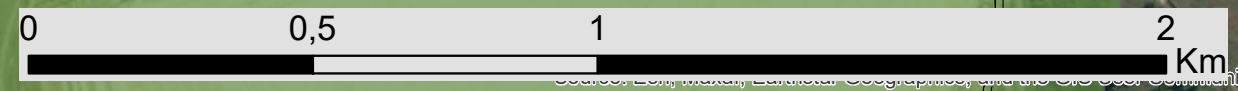


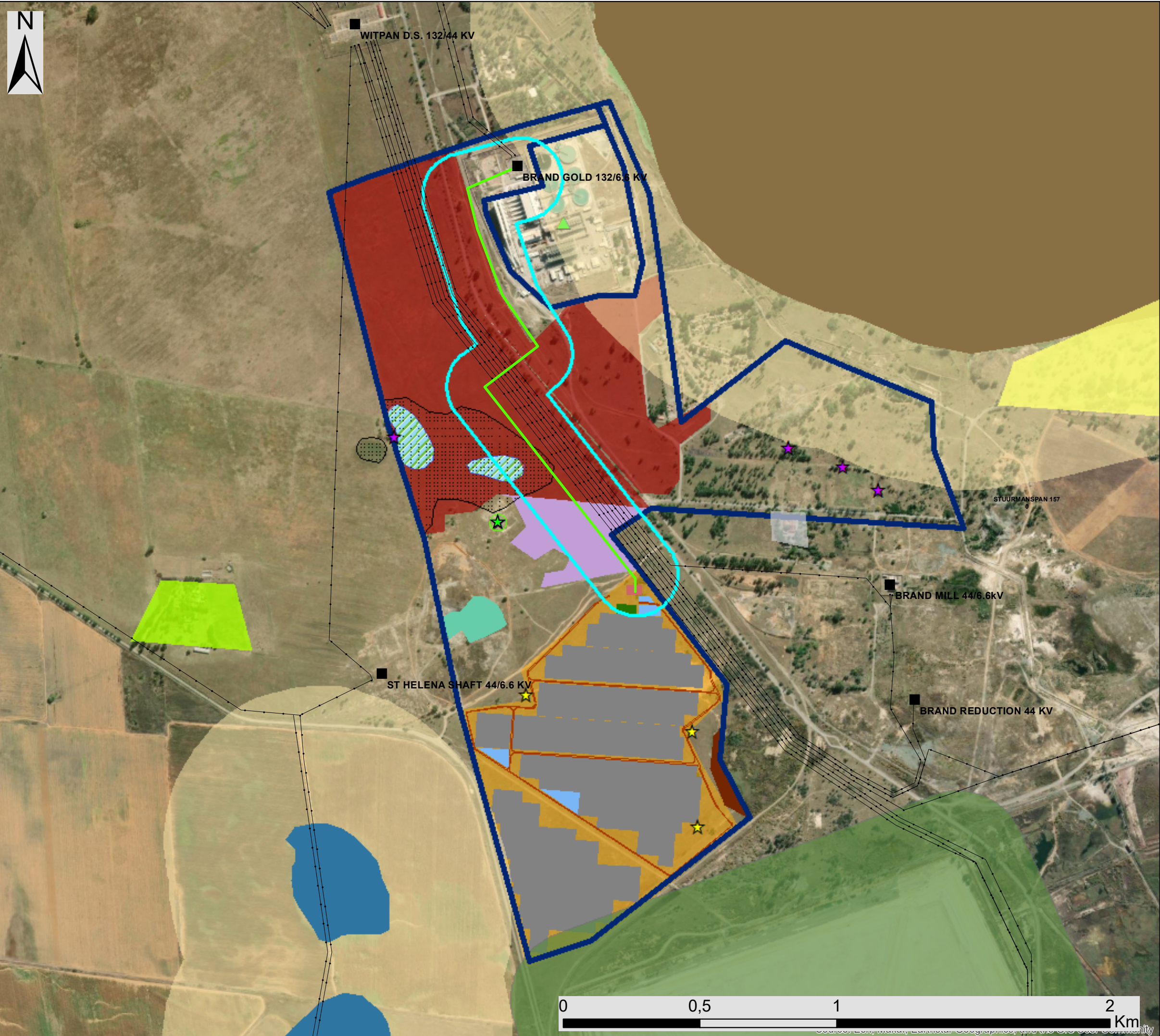
# Harmony One Plant Solar PV Free State Province

## Sensitivity Map

- Legend**
- Harmony 1 Gold Plant
  - Eskom Substation
  - Existing Power Line
- Proposed Development**
- Harmony One Plant Development Area
  - Development Footprint
  - Grid Connection Corridor (300m)
- Environmental Sensitivities**
- Heritage Sensitivity**
- Archaeological Artefacts (Low Heritage)
  - Archaeological Structures (Low Heritage Sensitivity)
  - Concentration of Artefacts (High Heritage)
  - HM4 30m Buffer (No-Go Area)
  - Artificial Dam (Medium Avifauna)
- Ecological Sensitivity**
- CBA 1/Threatened Ecosystem (Very High Ecological Sensitivity)
  - Wetlands (Very High Ecological Sensitivity)
  - Threatened Ecosystem (High Ecological Sensitivity)
  - Artificial Wetland (Medium Ecological Sensitivity)
- Avifaunal Sensitivities**
- Depressions (High Avifauna Sensitivity)
  - Pan (High Avifauna Sensitivity)
  - Witpan Dam (High Avifauna Sensitivity)
  - Pans 500m Buffer (High Avifauna Sensitivity)
  - Tailings Dam 250m Buffer (High Avifauna)
- Social Sensitivity**
- Brand Mashu Golf Club
  - Mwelase Lifestyle Farm
  - Diggers Inn

Scale: 1:14 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Sensitivity Map

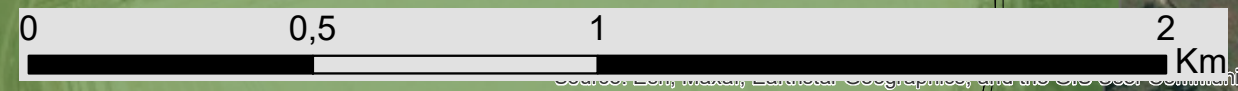


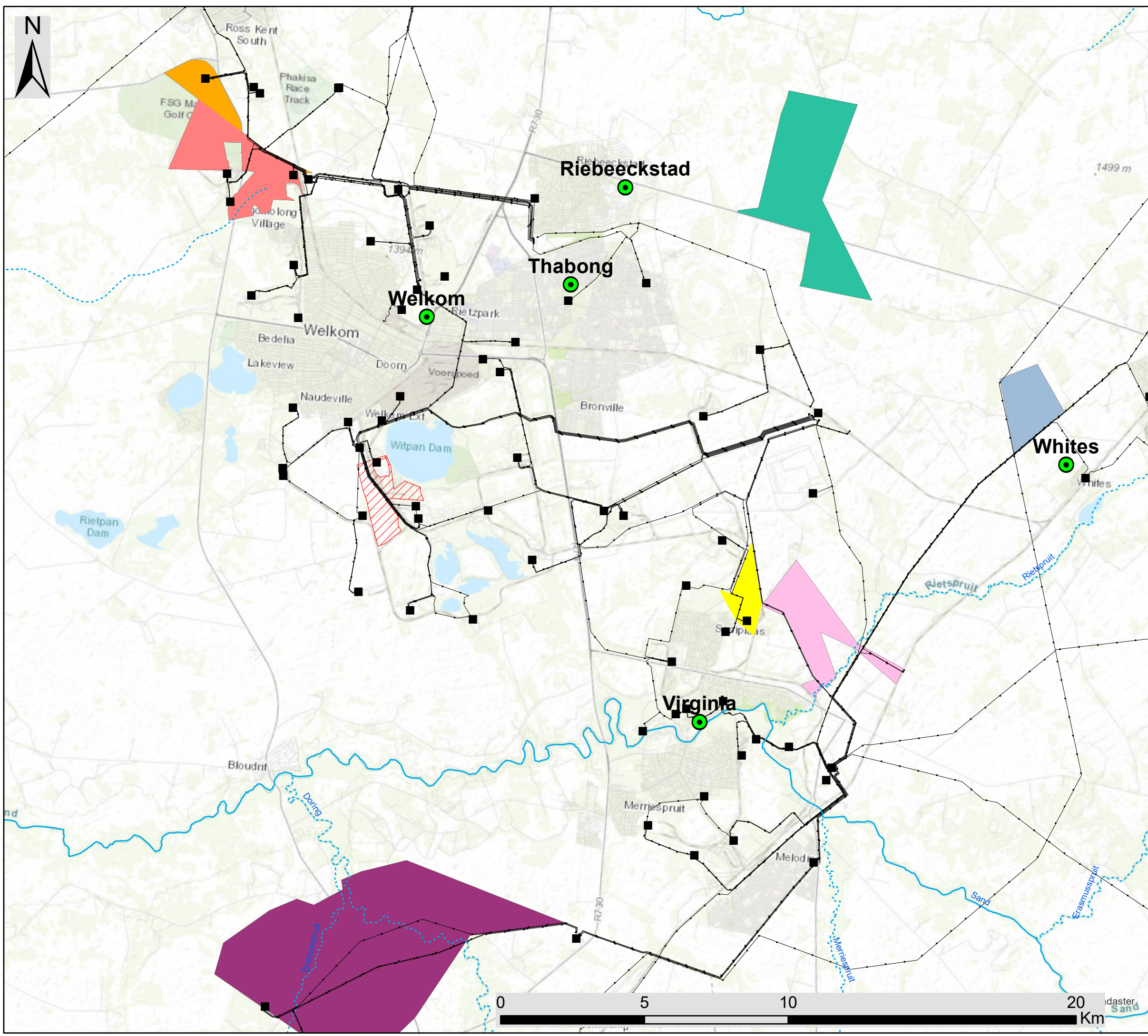


# Harmony One Plant Solar PV Free State Province Sensitivity & Layout Map

- Legend**
- Harmony 1 Gold Plant
  - Eskom Substation
  - Existing Power Line
- Proposed Development**
- Harmony One Plant Development Area
  - Development Footprint
  - PV Arrays
  - Laydown Areas
  - O&M and Storage Hub
  - On-Site Facility Substation & Switching Station Hub
  - Internal Roads
  - Grid Connection Corridor (300m)
  - Power Line
- Environmental Sensitivities**
- Heritage Sensitivity**
- Archaeological Artefacts (Low Heritage)
  - Archaeological Structures (Low Heritage Sensitivity)
  - Concentration of Artefacts (High Heritage)
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  - Mwelase Lifestyle Farm
  - Diggers Inn

Scale: 1:14 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Sensitivity Map





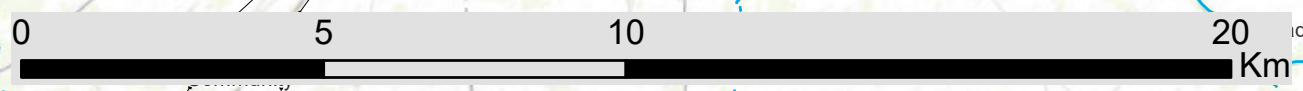
# Harmony One Plant Solar PV Free State Province

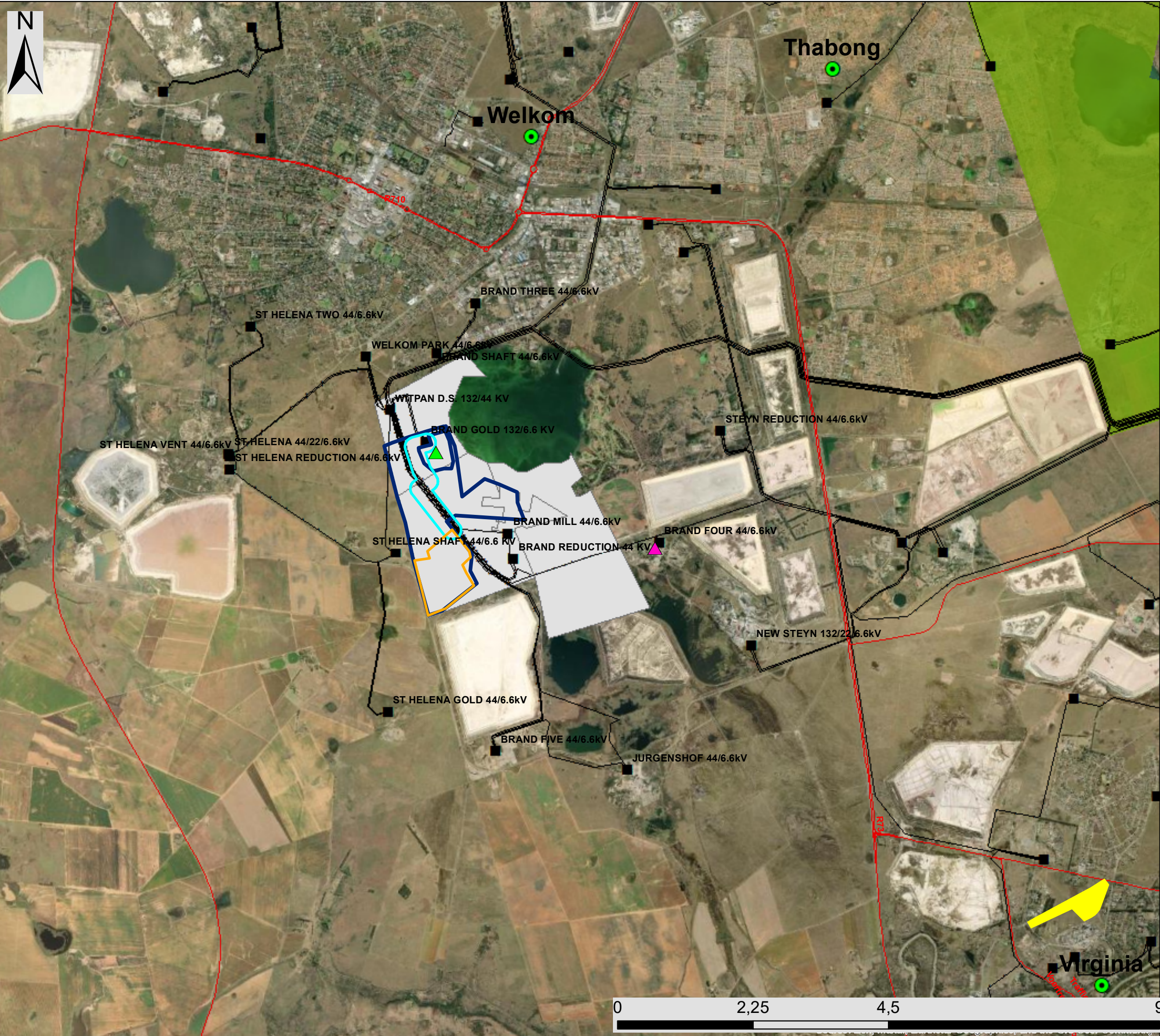
## Cumulative Map

### Legend

- Town
- Eskom Substation
- Existing Power Line
- Perennial River
- Non-perennial River
- Harmony Proposed Developments**
- Harmony One Plant Development Area
- Central Plant Development Area
- Properties Linked to Authorised Renewable Energy Facilities (REEA Q1 2022)**
- Beatrix Mine Shaft 4 PV Facility
- Farm Onverwag 728 PV Facility
- Everest Solar PV Facility
- Farm Uitkyk 509 PV Facility
- Harmony Eland PV Facility
- Harmony Nyala PV Facility

Scale: 1:125 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Cumulative Map





# Harmony One Plant Solar PV Free State Province

Civil Aviation Map

## Legend

- Town
  - Harmony 1 Gold Plant
  - Bambanani Mine Welkom
  - Eskom Substation
  - Existing Power Line
  - Thabong Game Farm
  - Harmony
- ### Harmony Proposed Development
- Harmony One Plant Development Area
  - Grid Connection Corridor (300m)
  - Development Footprint
  - Affected Properties

Scale: 1:50 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony CA Map

