

# Harmony Target Solar PV Free State Province

## Locality Map

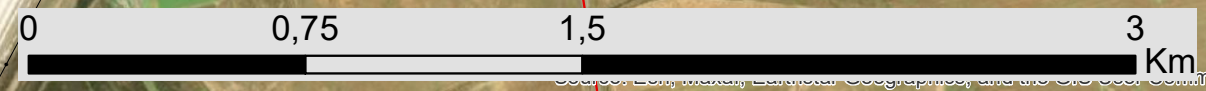
### Legend

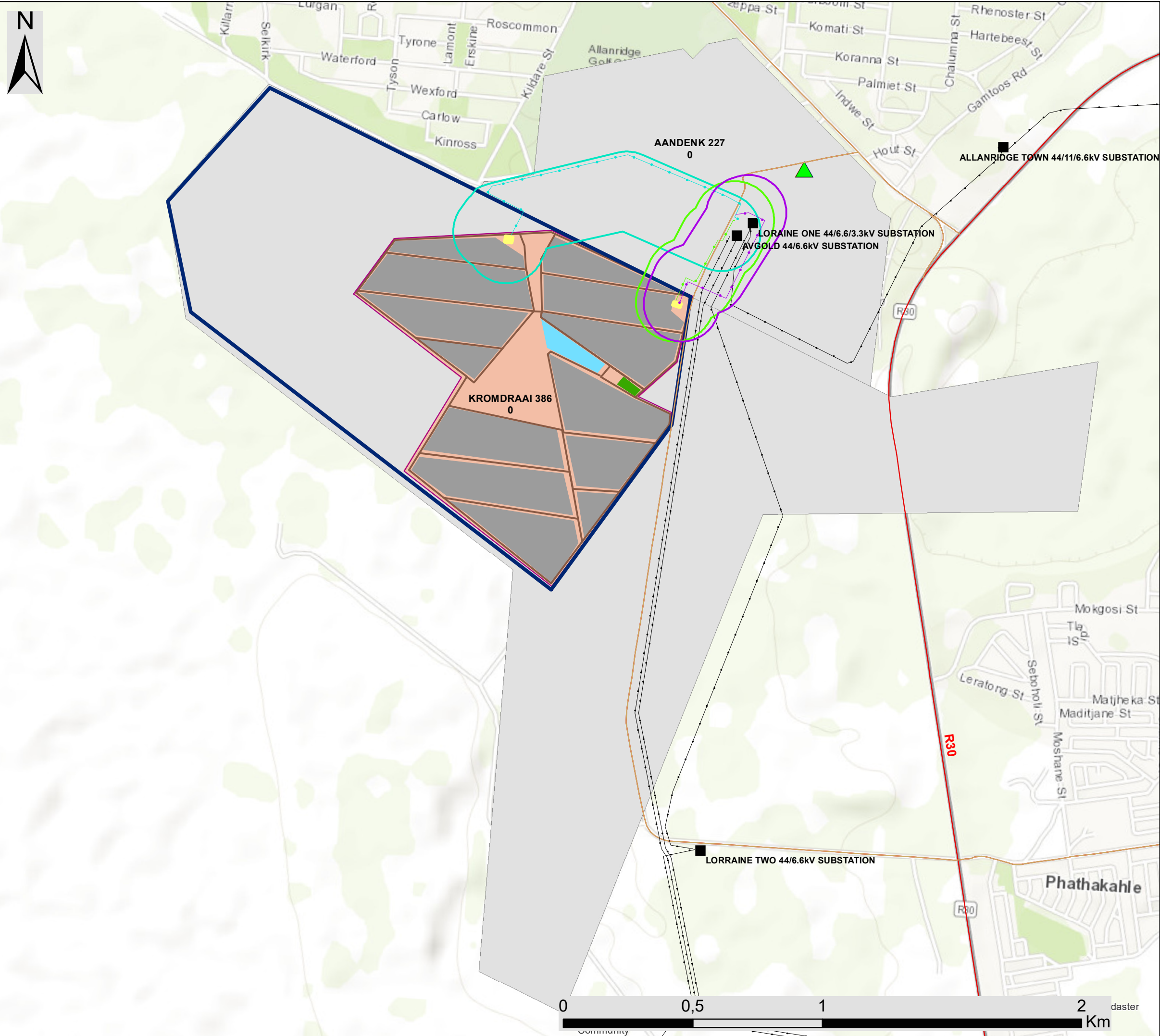
- Harmony Gold Target Plant
- Town
- Eskom Substation
- Existing Power Line
- Main Road
- Secondary Road

### Proposed Development

- Affected Properties (Project Site)
- Target Development Area
- Alternative 1 Grid Connection Corridor (300m)
- Alternative 2 Grid Connection Corridor (300m)
- Alternative 3 Grid Connection Corridor (300m)
- Development Footprint

Scale: 1:26 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Target Solar PV Locality Map





# Harmony Target Solar PV Free State Province

## Layout Map

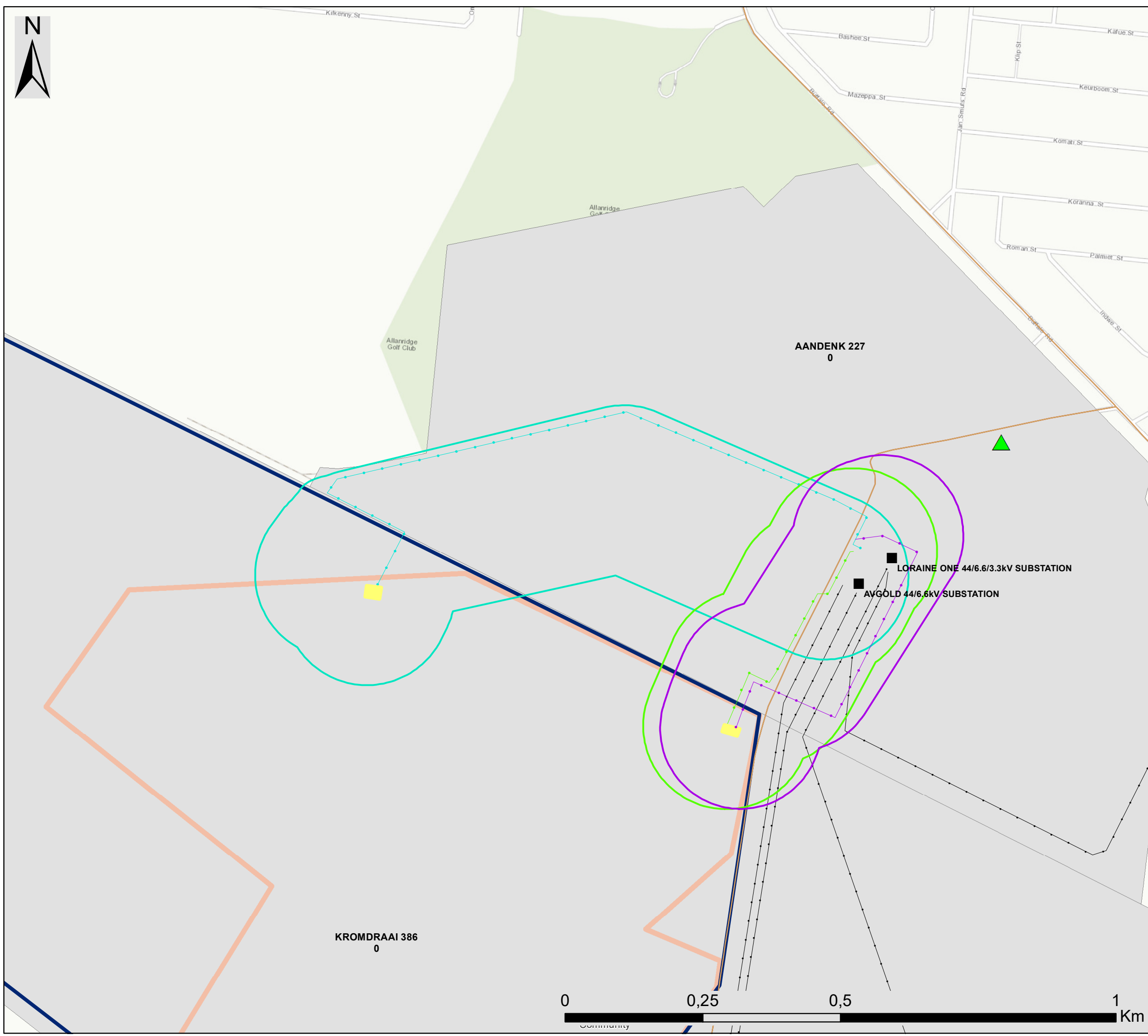
### Legend

- ▲ Harmony Gold Target Plant
- Eskom Substation
- Existing Power Line
- Main Road
- Secondary Road
- Proposed Development**
- Affected Properties (Project Site)
- Target Development Area
- Development Footprint
- PV Arrays
- O&M and Storage Hub
- Laydown Area
- Internal Roads
- Facility Fence
- Alternative On-Site Facility Substation & Switching Station Hubs
- Alternative 1 Grid Connection Corridor (300m)
- Alternative 1 Power Line
- Alternative 2 Grid Connection Corridor (300m)
- Alternative 2 Power Line
- Alternative 3 Grid Connection Corridor (300m)
- Alternative 3 Power Line





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





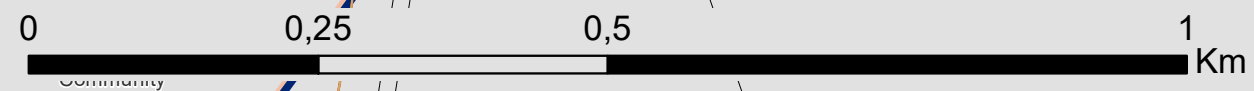
# Harmony Target Solar PV Free State Province Grid Alternative Map

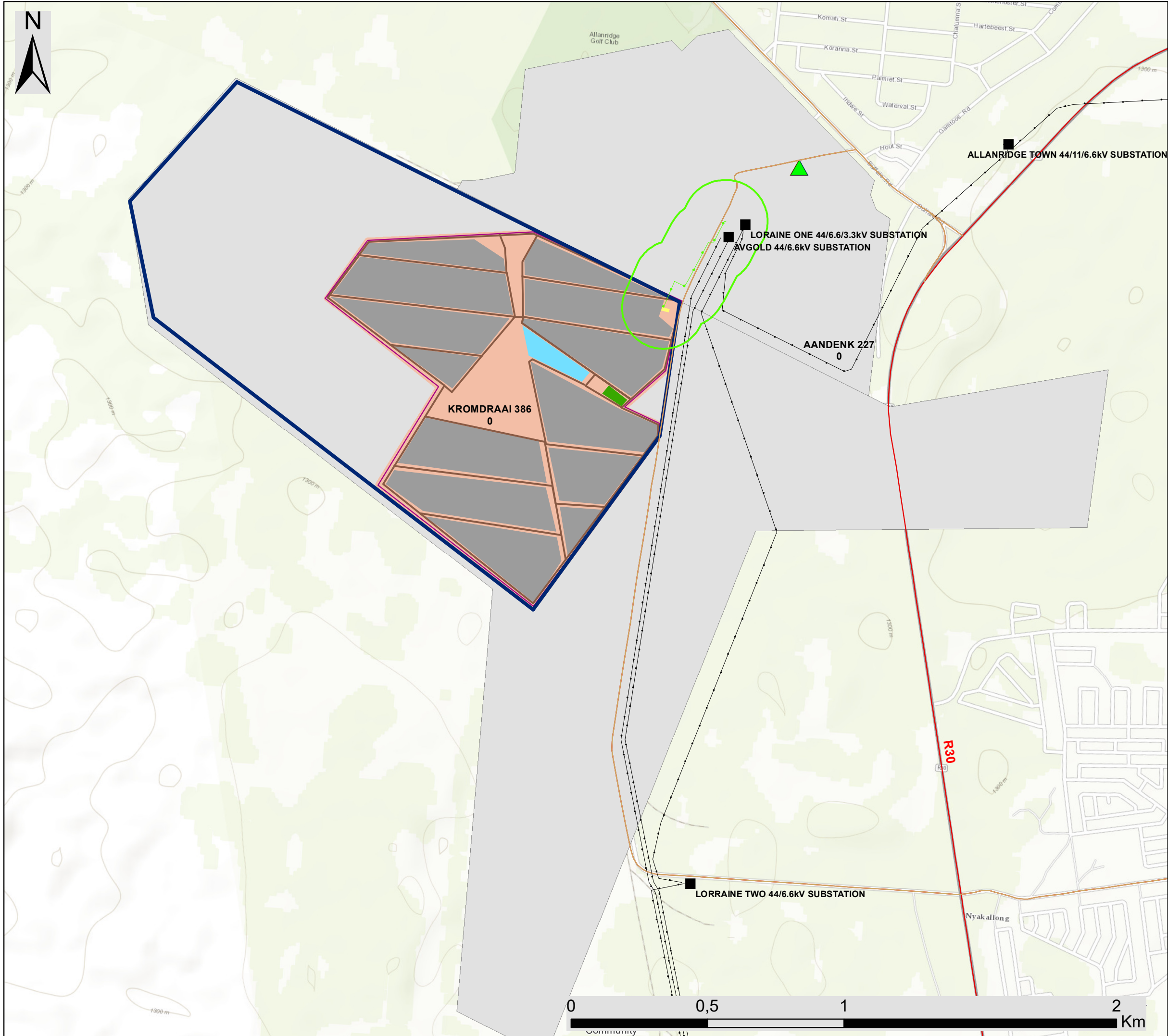
## Legend

-  Harmony Gold Target Plant
-  Eskom Substation
-  Existing Power Line
-  Main Road
-  Secondary Road
- Proposed Development**
-  Affected Properties (Project Site)
-  Target Development Area
-  Development Footprint
-  Alternative On-Site Facility Substation & Switching Station Hubs
-  Alternative 1 Grid Connection Corridor (300m)
-  Alternative 1 Power Line
-  Alternative 2 Grid Connection Corridor (300m)
-  Alternative 2 Power Line
-  Alternative 3 Grid Connection Corridor (300m)
-  Alternative 3 Power Line



Scale: 1:15 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Target Solar PV Map





# Harmony Target Solar PV Free State Province

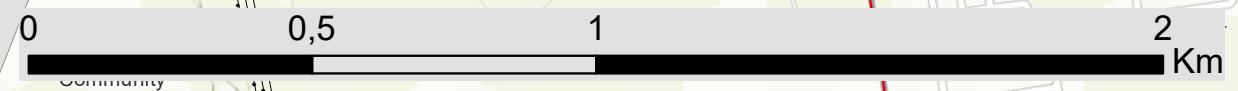
## Preferred Layout Map

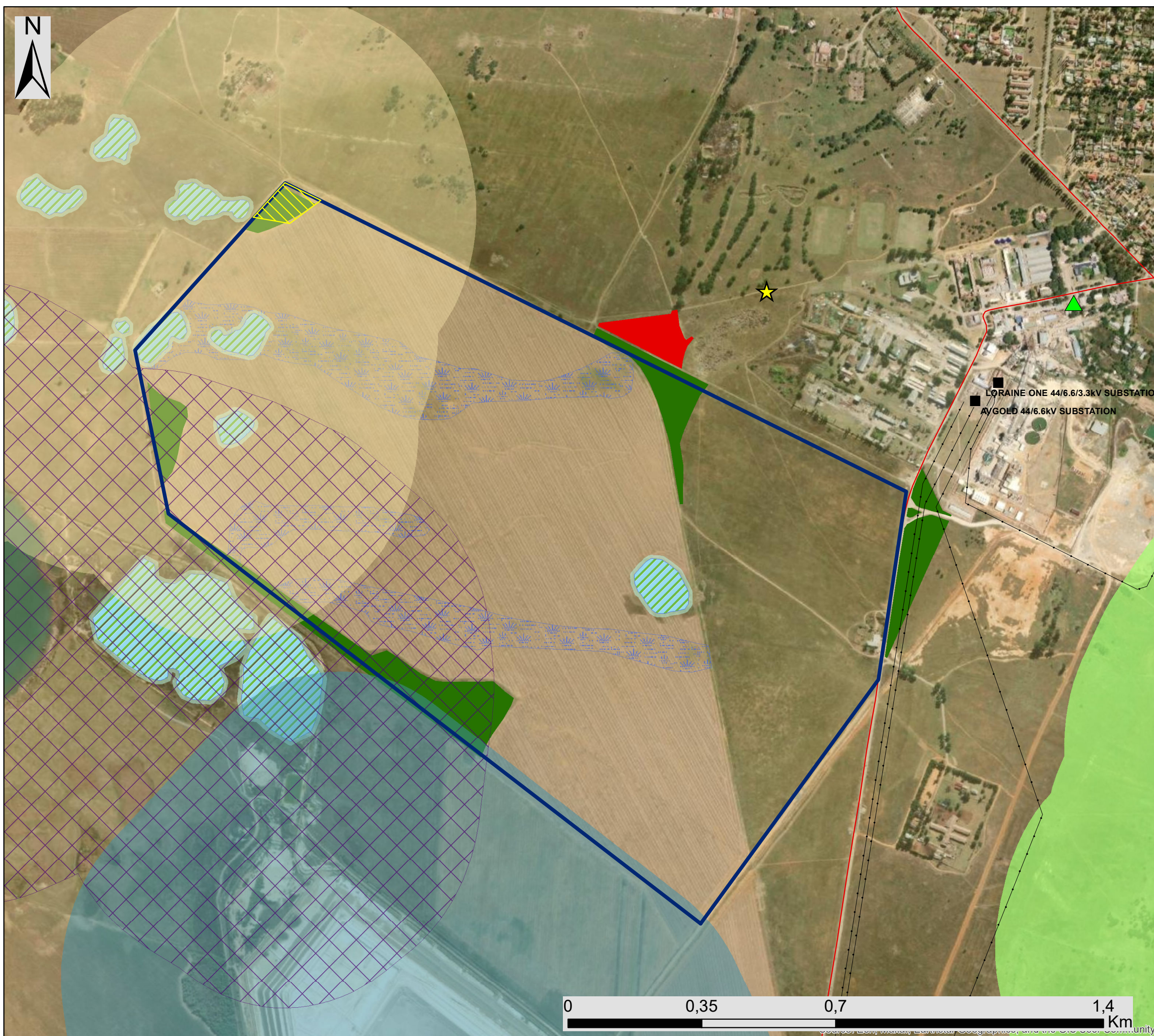
### Legend

- Harmony Gold Target Plant
- Eskom Substation
- Existing Power Line
- Main Road
- Secondary Road
- Proposed Development**
- Affected Properties (Project Site)
- Target Development Area
- Development Footprint
- PV Arrays
- O&M and Storage Hub
- Laydown Area
- Internal Roads
- Facility Fence
- Alternative On-Site Facility Substation & Switching Station Hubs
- Alternative 2 Grid Connection Corridor (300m)
- Alternative 2 Power Line



Scale: 1:15 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Target Solar PV Map





















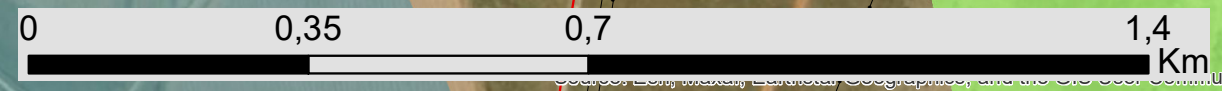
# Harmony Target Solar PV Free State Province

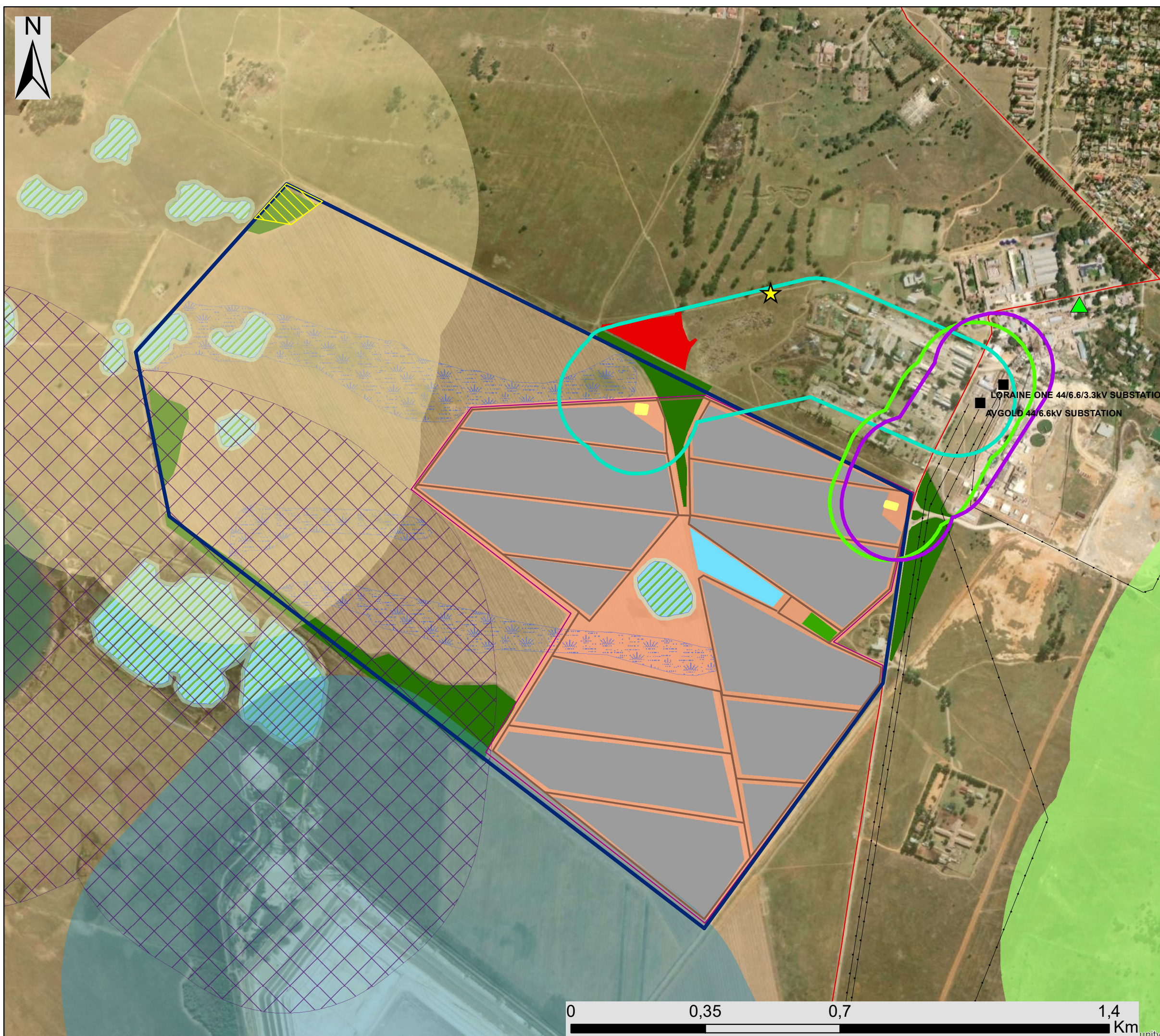
## Sensitivity Map

### Legend

-  Harmony Gold Target Plant
-  Eskom Substation
-  Existing Power Line
-  Main Road
- Proposed Development**
-  Target Development Area
- Environmental Sensitivities**
- Heritage Sensitivity**
-  Archaeological Artefacts (Low Heritage Sensitivity)
- Ecological Sensitivities**
-  Near Natural Grassland (High Ecological Sensitivity)
-  CBA1 (High Ecological Sensitivity)
-  Seep (High Ecological Sensitivity)
-  Secondary Grassland (High Ecological Sensitivity)
-  Wetland (Medium Ecological Sensitivity)
-  Wetland 10m Buffer (No-Go)
- Avifauna Sensitivity**
-  Pans & Pollution Control Dams 500m Buffer (High Avifauna Sensitivity)
-  Stinkpan 500m Buffer (High Avifauna Sensitivity)
-  Slimes Dam 500m Buffer (High Avifauna Sensitivity)
-  Pans & Depressions 500m Buffer (High Avifauna Sensitivity)

Scale: 1:10 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Target Solar PV Sensitivity Map





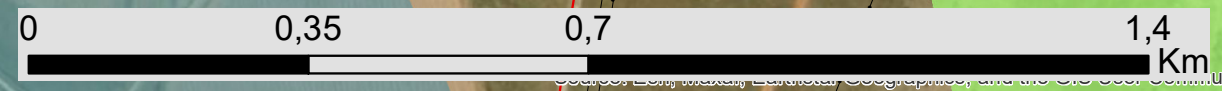
# Harmony Target Solar PV Free State Province

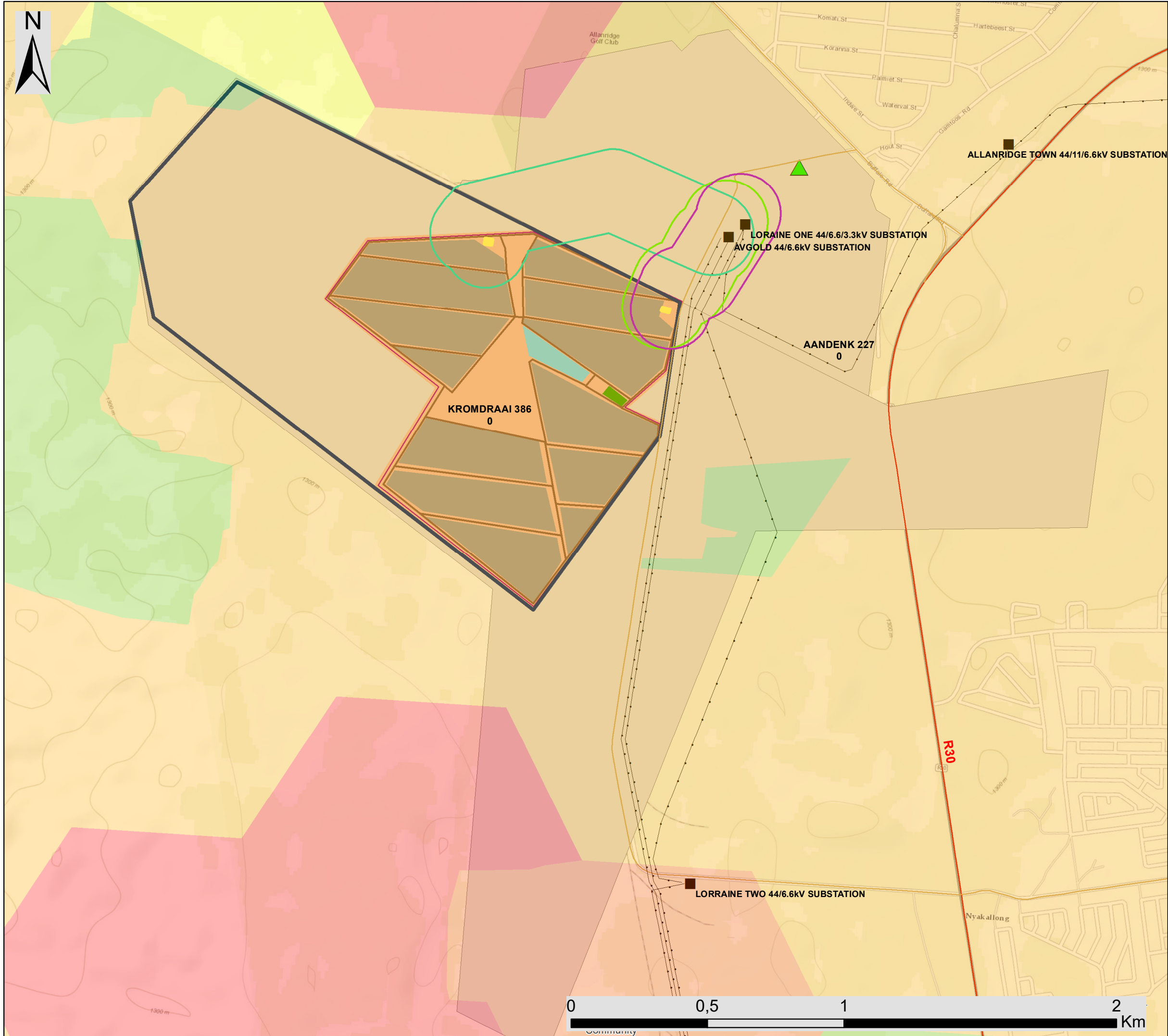
## Sensitivity & Layout Map

### Legend

- Harmony Gold Target Plant
- Eskom Substation
- Existing Power Line
- Main Road
- Proposed Development**
- Target Development Area
- Development Footprint
- PV Arrays
- O&M and Storage Hub
- Laydown Area
- Internal Roads
- Facility Fence
- Alternative On-Site Facility Substation & Switching Station Hubs
- Alternative 1 Grid Connection Corridor (300m)
- Alternative 2 Grid Connection Corridor (300m)
- Alternative 3 Grid Connection Corridor (300m)
- Environmental Sensitivities**
- Heritage Sensitivity**
- Archaeological Artefacts (Low Heritage Sensitivity)
- Ecological Sensitivities**
- Near Natural Grassland (High Ecological Sensitivity)
- CBA1 (High Ecological Sensitivity)
- Seep (High Ecological Sensitivity)
- Secondary Grassland (High Ecological Sensitivity)
- Wetland (Medium Ecological Sensitivity)
- Wetland 10m Buffer (No-Go Area)
- Avifauna Sensitivity**
- Pans & Pollution Control Dams 500m Buffer (High Avifauna Sensitivity)
- Stinkpan 500m Buffer (High Avifauna Sensitivity)
- Slimes Dam 500m Buffer (High Avifauna Sensitivity)
- Pans & Depressions 500m Buffer (High Avifauna Sensitivity)

Scale: 1:10 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Target Solar PV Sensitivity Map





# Harmony Target Solar PV Free State Province

## CBA Map

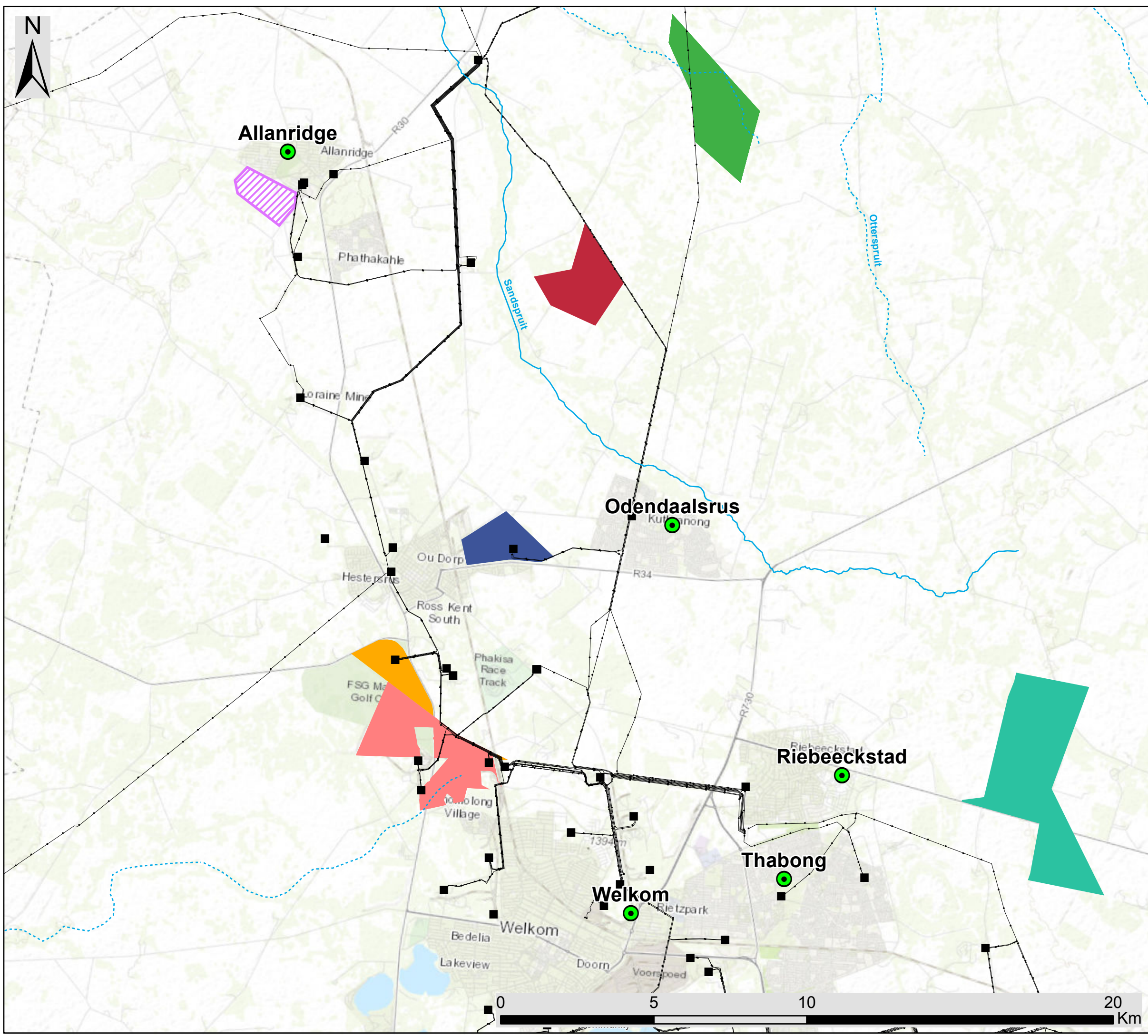
### Legend

- Harmony Gold Target Plant
- Eskom Substation
- Existing Power Line
- Main Road
- Secondary Road
- CBA1
- ESA1
- ESA2
- Other
- Degraded
- Proposed Development**
- Affected Properties (Project Site)
- Target Development Area
- Development Footprint
- PV Arrays
- O&M and Storage Hub
- Laydown Area
- Internal Roads
- Facility Fence
- Alternative On-Site Facility Substation & Switching Station Hubs
- Alternative 1 Grid Connection Corridor (300m)
- Alternative 2 Grid Connection Corridor (300m)
- Alternative 3 Grid Connection Corridor (300m)



Scale: 1:15 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Target Solar PV Map





# Harmony Target Solar PV Free State Province

Cumulative Map

## Legend

- Town
- Eskom Substation
- Existing Power Line
- Perennial River
- - - Non-perennial River

## Harmony Proposed Development

- Target Development Area

## Properties Linked to Authorised Renewable Energy Facilities (REEA Q1 2022)

- Grootspuit PV Facility
- Grootkop PV Facility
- Harmony Tshepong PV Facility
- Farm Uitkyk 509 PV Facility
- Harmony Eland PV Facility
- Harmony Nyala PV Facility

Scale: 1:120 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Harmony Target Sol

