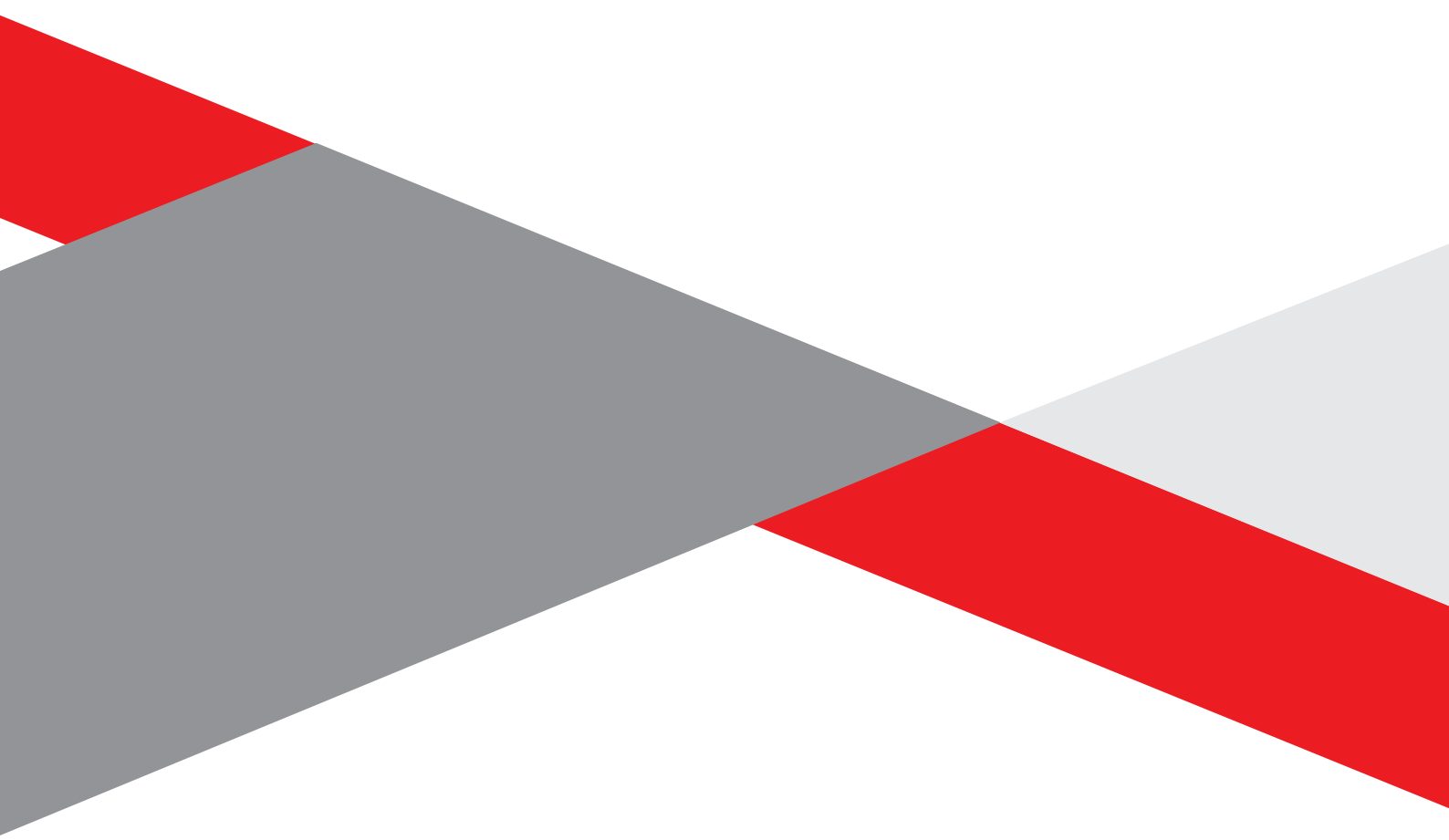









**APPENDIX M**  
**MAPS**





# Wagt Grid Connection Infrastructure, De Aar, Northern Cape Province

## Locality Map








### Legend

-  Eskom Substation
-  Existing Power Line
-  National Road
-  Regional Road
-  Main Road
-  Railway Line
-  Farm Portions

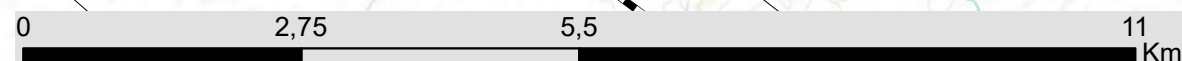
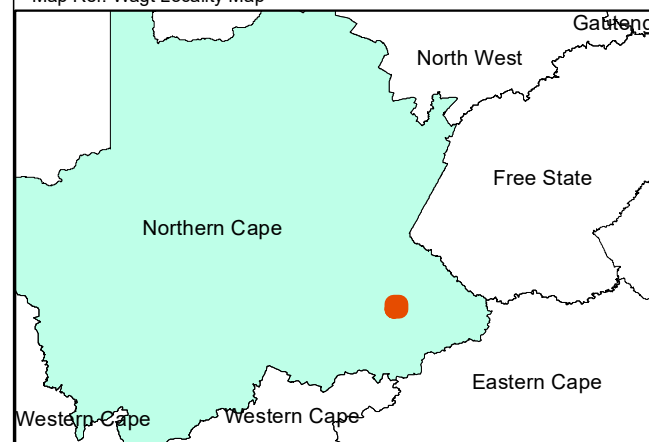
### MTS Connection Points (Separate EA Application)

-  Wag 'n Bietjie MTS (Alternative 1)
-  Vetlaagte MTS (Alternative 2)
-  Vetlaagte MTS (Alternative 3)
-  Wag 'n Bietjie MTS (Preferred)

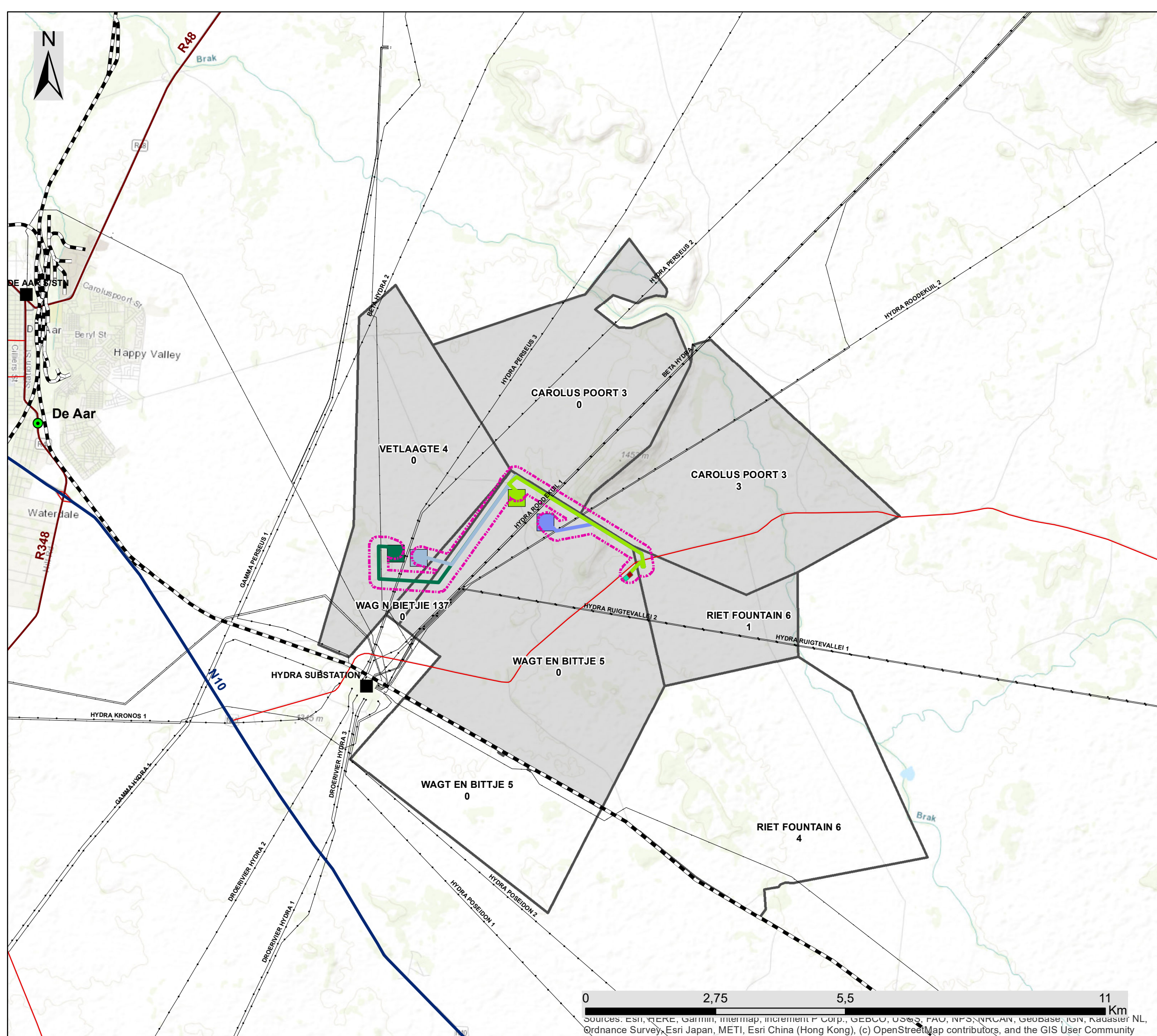
### Grid Connection Infrastructure

-  132 kV Grid Connection (Preferred)
-  132 kV Grid Connection (Alternative 1)
-  132 kV Grid Connection (Alternative 2)
-  132 kV Grid Connection (Alternative 3)
-  200m Buffer
-  Eskom Switching Station
-  IPP Substation

Scale: 1:30 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Wagt Locality Map



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community





# Wagt Grid Connection Infrastructure, De Aar, Northern Cape Province

## Access Road Map

### Legend

- Eskom Substation
- Existing Power Line
- Main Road
- Access Road
- Railway Line

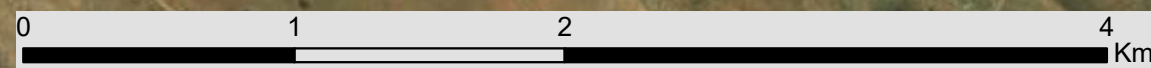
### MTS Connection Point (Separate EA Application)

- Wag 'n Bietjie MTS (Alternative 1)
- Vetlaagte MTS (Alternative 2)
- Vetlaagte MTS (Alternative 3)
- Wag 'n Bietjie MTS (Preferred)

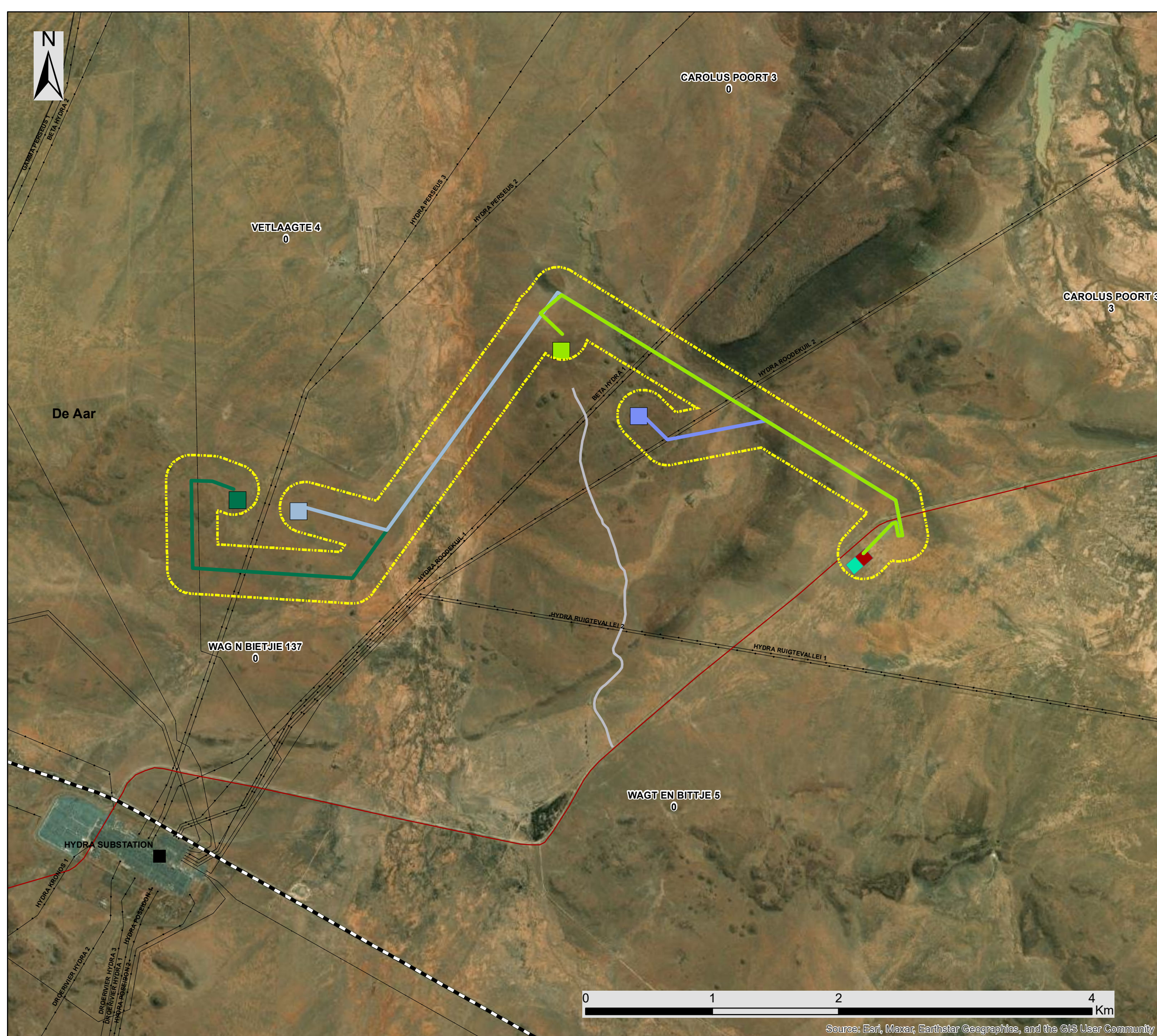
### Grid Connection Infrastructure

- 132 kV Grid Connection (Preferred)
- 132 kV Grid Connection (Alternative 1)
- 132 kV Grid Connection (Alternative 2)
- 132 kV Grid Connection (Alternative 3)
- 200m Buffer
- Eskom Switching Station
- IPP Substation

Scale: 1:30 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Wagt Access Road Map



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community







VETLAAGTE 4  
0

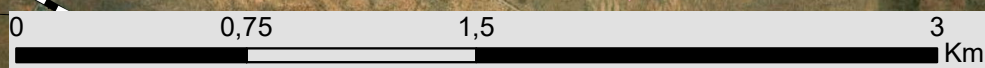
# Wagt Grid Connection Infrastructure, De Aar, Northern Cape Province

## Layout Map

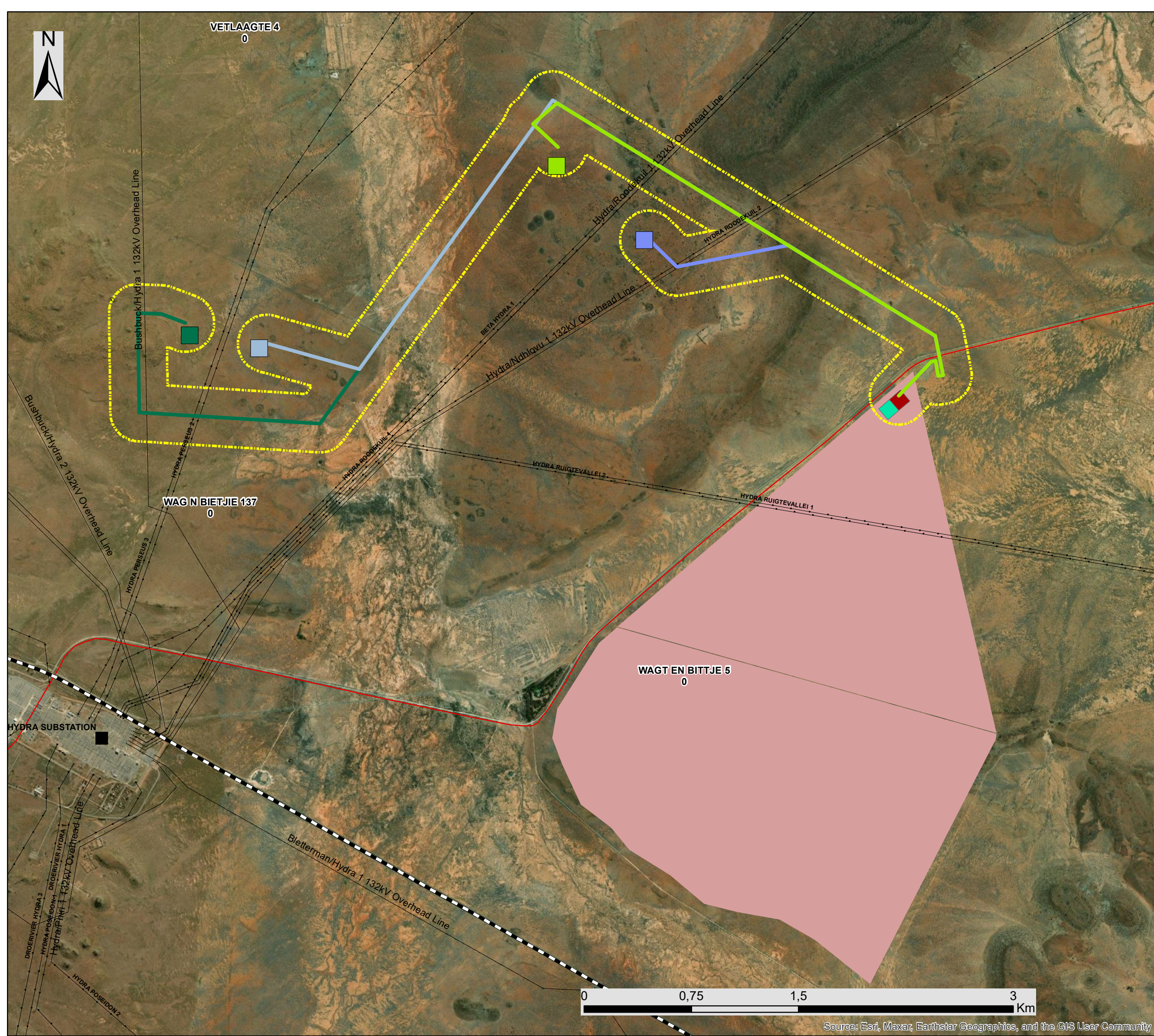
### Legend

- Eskom Substation
  - Existing Power Line
  - Main Road
  - Railway Line
- MTS Connection Point (Separate EA Application)**
- Wag 'n Bietjie MTS (Alternative 1)
  - Vetlaagte MTS (Alternative 2)
  - Vetlaagte MTS (Alternative 3)
  - Wag 'n Bietjie MTS (Preferred)
- Grid Connection Infrastructure**
- 132 kV Grid Connection (Preferred)
  - 132 kV Grid Connection (Alternative 1)
  - 132 kV Grid Connection (Alternative 2)
  - 132 kV Grid Connection (Alternative 3)
- Eskom Switching Station
  - IPP Substation
  - 200m Buffer
- Solar PV Facility**
- Wagt Solar PV1 Facility

Scale: 1:30 000  
Projection: GCS\_WGS\_1984  
Map Ref: Wagt Layout Map



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community











# Wagt Grid Connection Infrastructure, De Aar, Northern Cape Province

## Layout Map








### Legend

-  Eskom Substation
-  Existing Power Line
-  Main Road
-  Railway Line

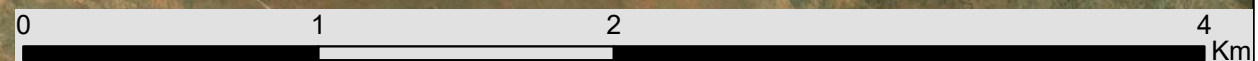
### MTS Connection Point (Separate EA Application)

-  Wag 'n Bietjie MTS (Alternative 1)
-  Vetlaagte MTS (Alternative 2)
-  Vetlaagte MTS (Alternative 3)
-  Wag 'n Bietjie MTS (Preferred)

### Grid Connection Infrastructure

-  132 kV Grid Connection (Preferred)
-  132 kV Grid Connection (Alternative 1)
-  132 kV Grid Connection (Alternative 2)
-  132 kV Grid Connection (Alternative 3)
-  200m Buffer
-  Eskom Switching Station
-  IPP Substation

Scale: 1:30 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Wagt Layout Map







CAROLUS POORT 3  
0

# Wagt Grid Connection Infrastructure, De Aar, Northern Cape Province

## Preferred Layout Map

### Legend

— Existing Power Line

— Main Road

**MTS Connection Point (Separate EA Application)**

■ Wag 'n Bietjie MTS (Preferred)

**Grid Connection Infrastructure**

— 132 kV Grid Connection (Preferred)

⋯ 200m Buffer

■ Eskom Switching Station

■ IPP Substation

CAROLUS POORT 3  
3

BETA HYDRA 1

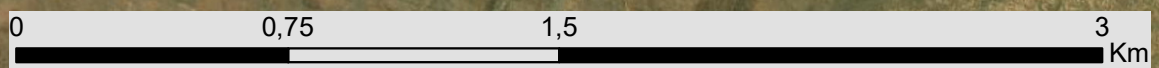
Hydra/Adhlovi 1 132kV Overhead Line

HYDRA ROODEKUIL 1

HYDRA RUIGTEVALLEI 2

HYDRA RUIGTEVALLEI 1

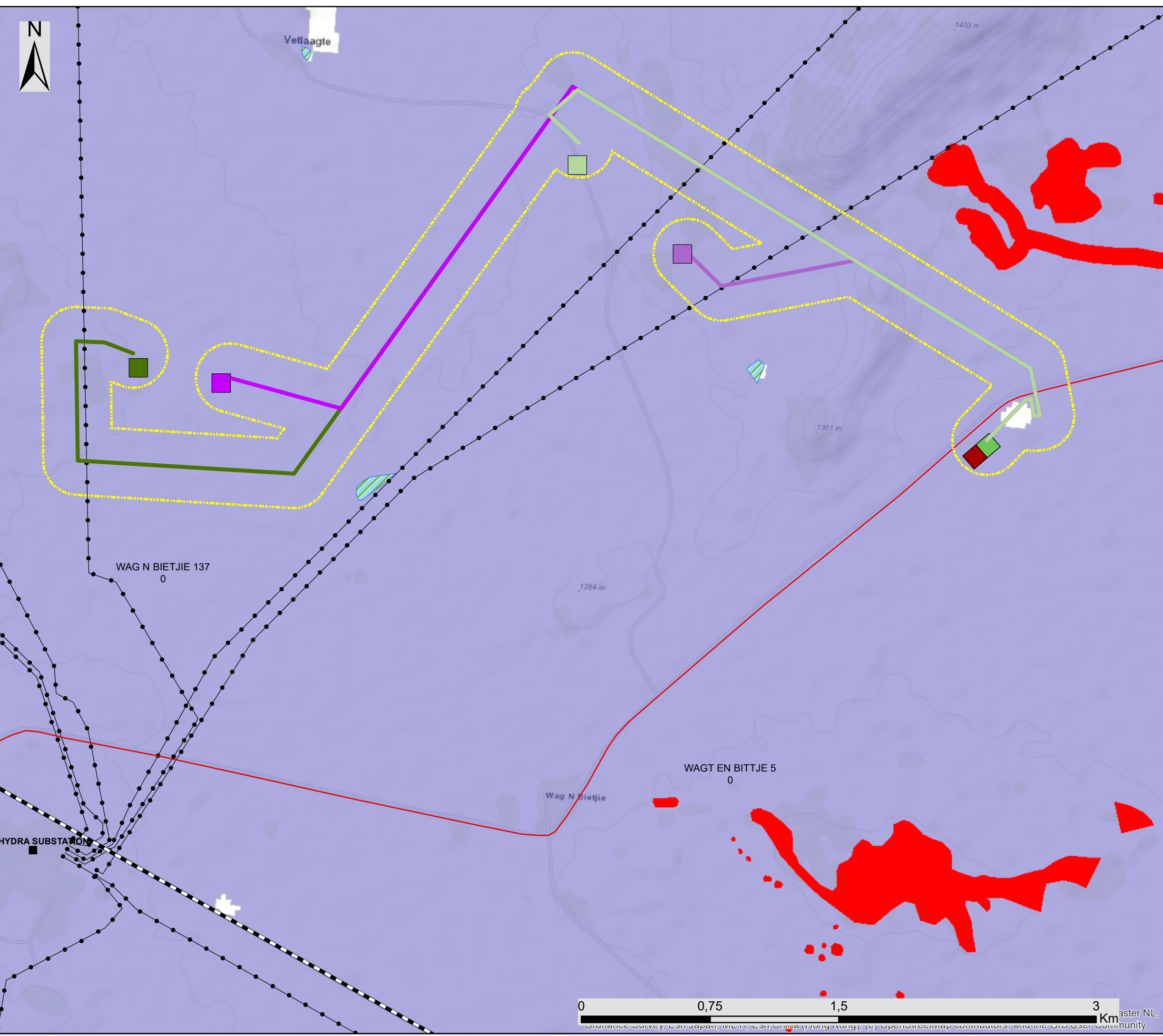
WAGT EN BITTJE 5  
0



Scale: 1:30 000  
Projection: GCS\_WGS\_1984  
Map Ref: Wagt Layout Map





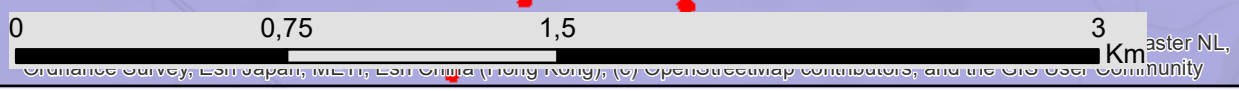
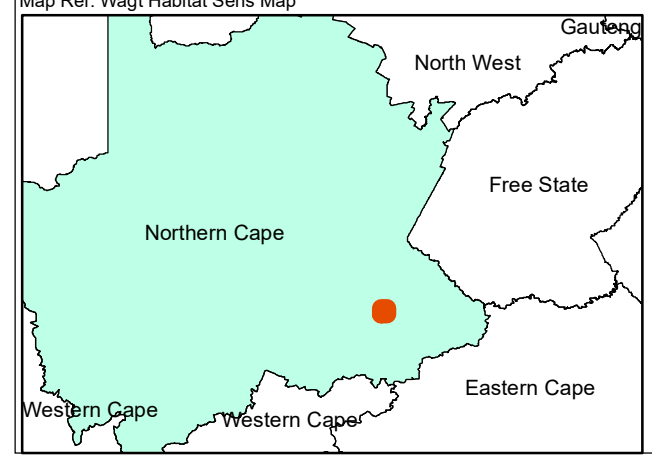


# Wagt Grid Connection Infrastructure, De Aar, Northern Cape Province

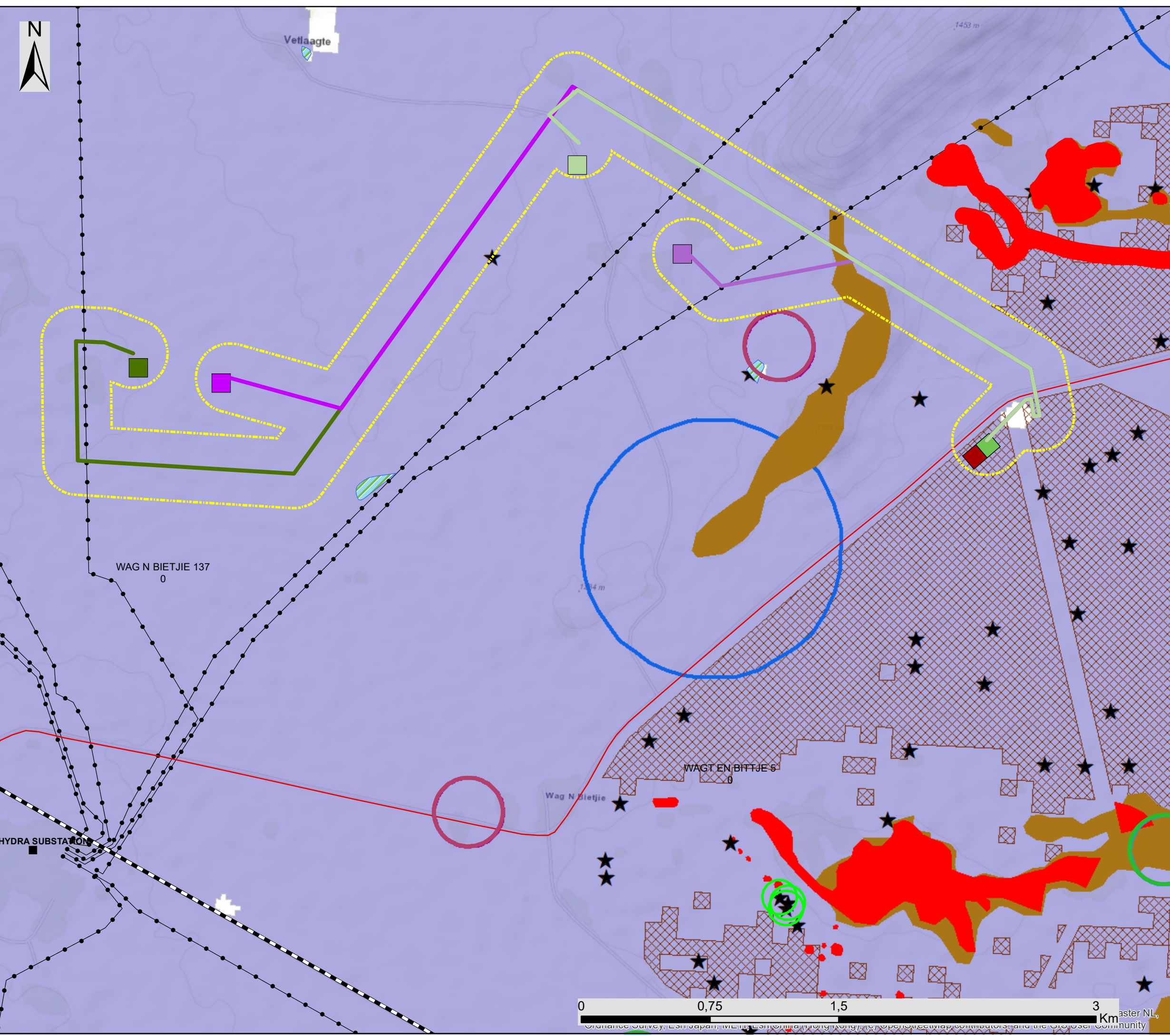
## Habitat Sensitivity Map

- Legend**
- Eskom Substation
  - Existing Power Line
  - Main Road
  - Railway Line
- Environmental Sensitivities**
- ▨ NFEPA\_Wetlands
  - Non-Developable Areas (High Sensitive Areas)
  - Ecological Support Area
- Grid Connection Infrastructure**
- 132 kV Grid Connection (Preferred)
  - 132 kV Grid Connection (Alternative 1)
  - 132 kV Grid Connection (Alternative 2)
  - 132 kV Grid Connection (Alternative 3)
  - ▨ 200m Buffer
  - IPP Substation
  - Eskom Switching Station
- MTS Connection Points (Separate EA Application)**
- Wag 'n Bietjie MTS (Alternative 1)
  - Vetlaagte MTS (Alternative 2)
  - Vetlaagte MTS (Alternative 3)
  - Wag 'n Bietjie MTS (Preferred)

Scale: 1:70 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Wagt Habitat Sens Map





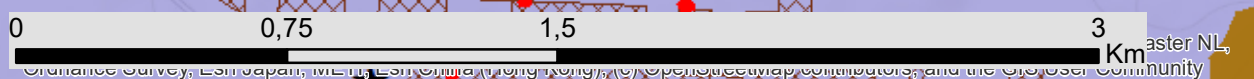
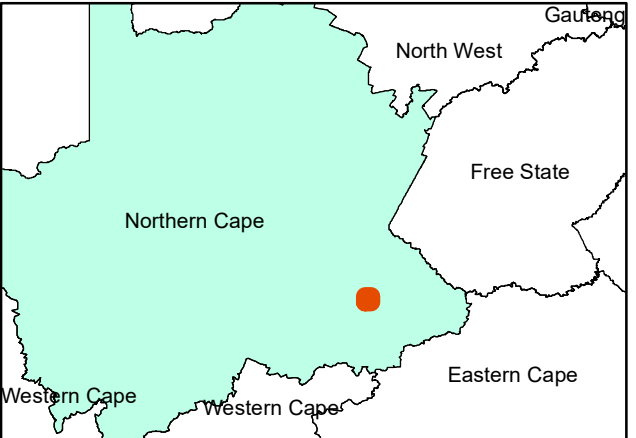


# Wagt Grid Connection Infrastructure, De Aar, Northern Cape Province Combined Sensitivity Map

## Legend

- Eskom Substation
- Existing Power Line
- Main Road
- Railway Line
- Environmental Sensitivities**
- ▭ Heritage 100 m buffer
- ▨ NFEPA\_Wetlands
- ★ Heritage Points
- Dam Buffer
- Wetland Buffer
- High Sensitive Areas
- ▭ JB Nest Buffer\_750m
- ▨ Soil Sensitivity (Medium Sensitivity)
- Dolerite Outcrops (High Sensitivity)
- ▨ Riverine Buffer
- Ecological Support Area
- Grid Connection Infrastructure**
- 132 kV Grid Connection (Preferred)
- 132 kV Grid Connection (Alternative 1)
- 132 kV Grid Connection (Alternative 2)
- 132 kV Grid Connection (Alternative 3)
- ▭ 200m Buffer
- IPP Substation
- Eskom Switching Station
- MTS Connection Points (Separate EA Application)**
- ▭ Wag 'n Bietjie MTS (Alternative 1)
- ▭ Vetlaagte MTS (Alternative 2)
- ▭ Vetlaagte MTS (Alternative 3)
- ▭ Wag 'n Bietjie MTS (Preferred)

Scale: 1:70 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Pixley Park sensitivity Map



Ortho-aerial imagery, Esri/Mapbox, OpenStreetMap contributors, and the OpenStreetMap community