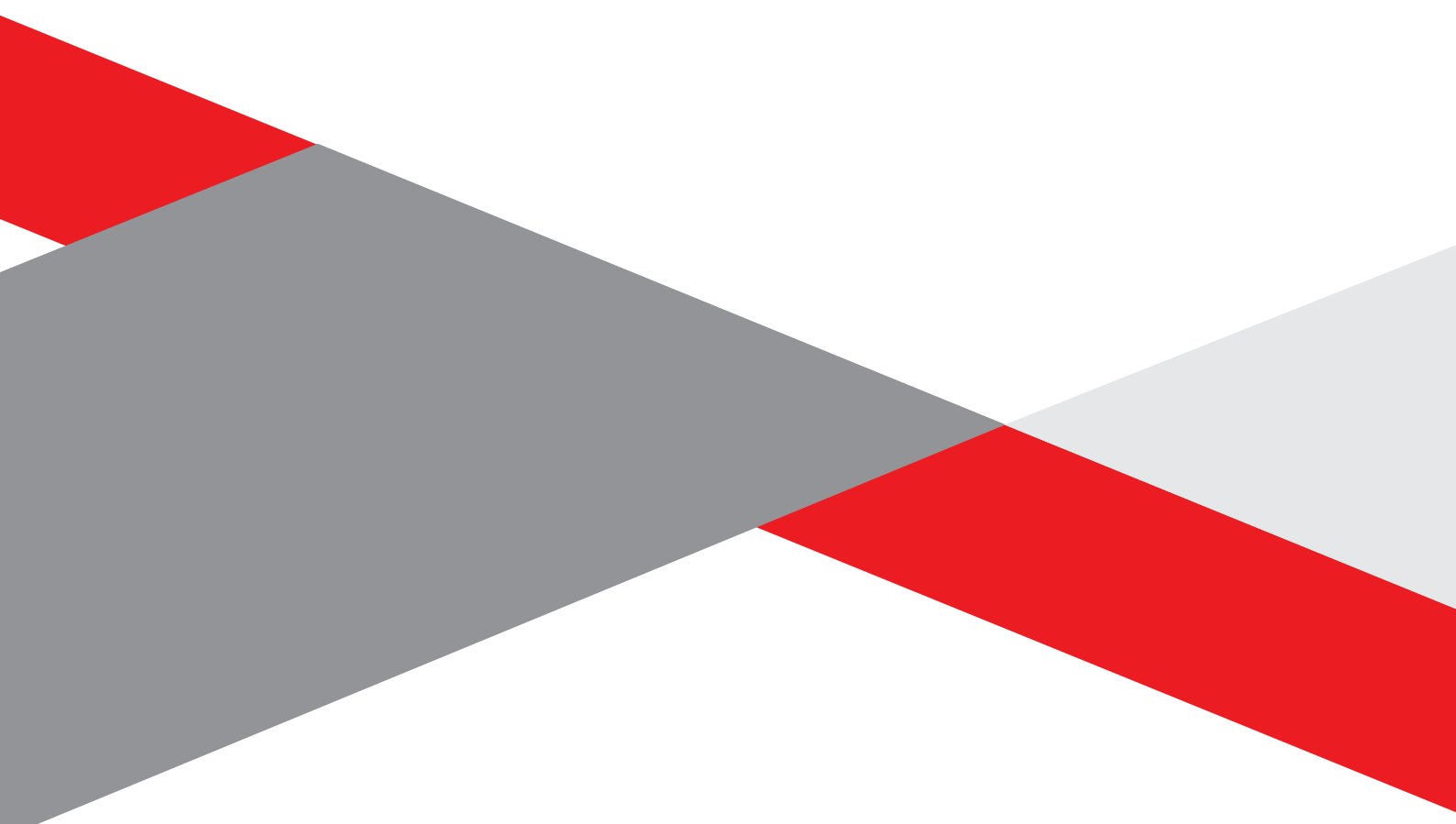









**APPENDIX M**  
**MAPS**







# Fountain 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

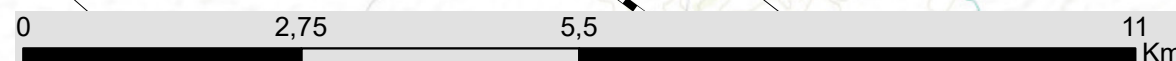
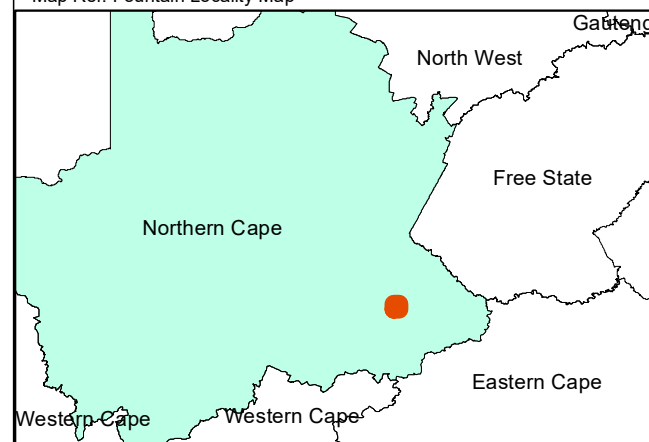
### MTS Connection Point (Separate EA Application)

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

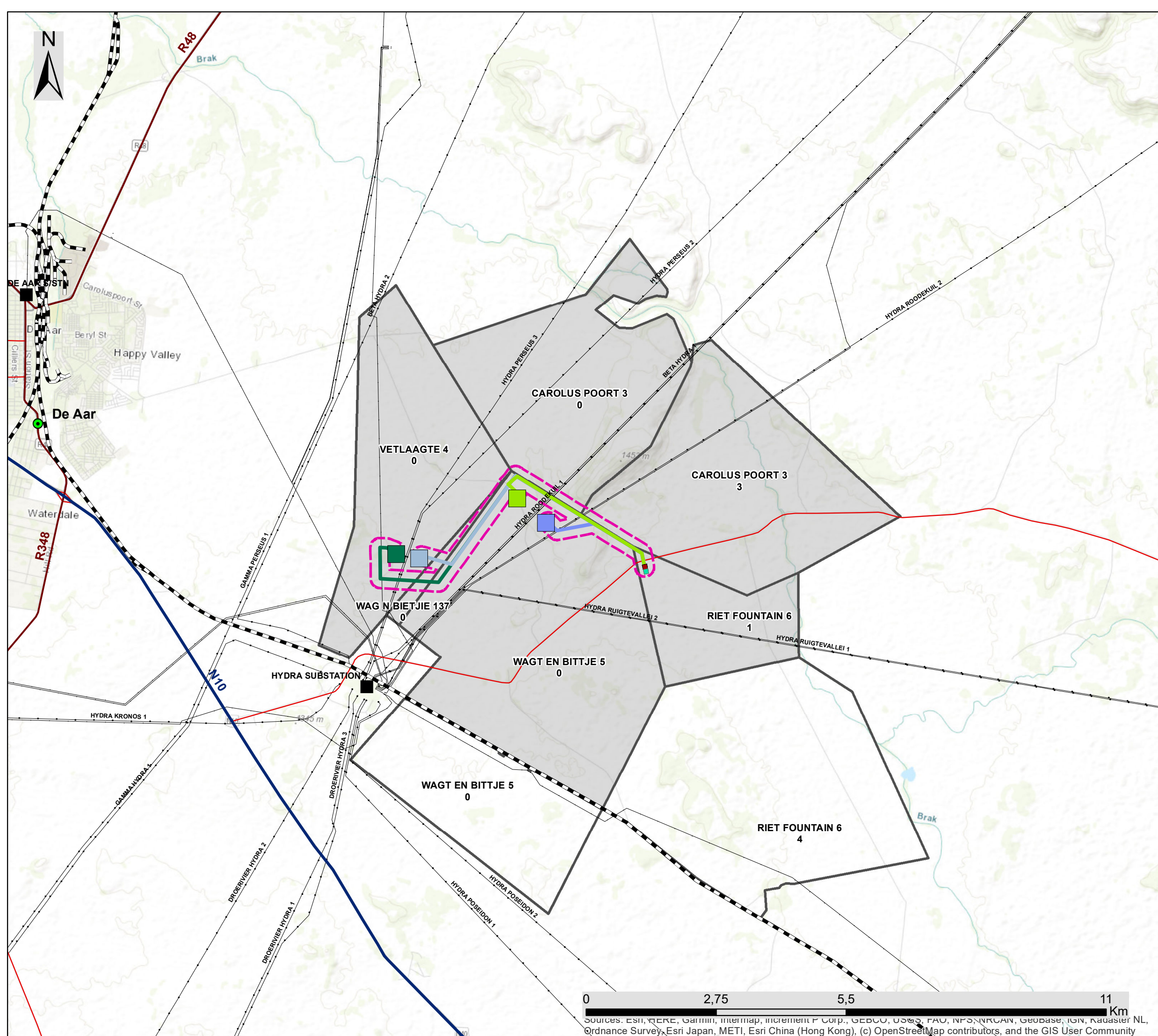
### Grid Connection infrastructure

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

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













# Fountain 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)

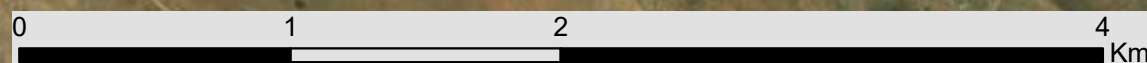
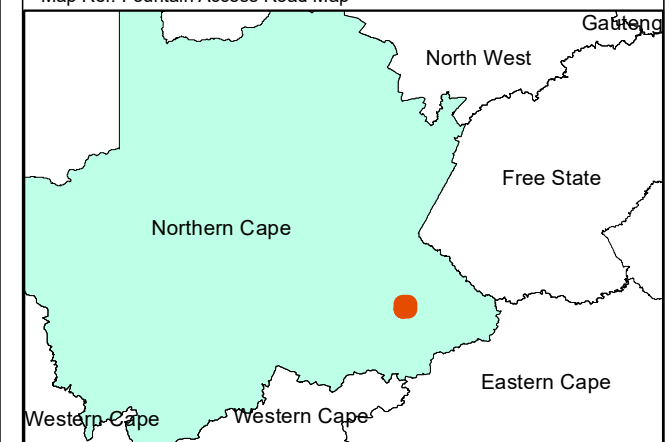
-  Wag 'n Bietjie MTS (Alternative 1)
-  Vetlaagte MTS (Alternative 2)
-  Vetlaagte MTS (Alternative 3)
-  Wag 'n Bietjie MTS (Preferred)

### 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 Corridor
-  IPP Substation
-  Eskom Switching Station

savannah  
environmental

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














# Fountain 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)

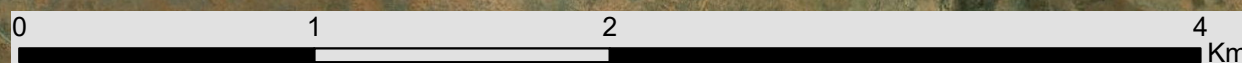
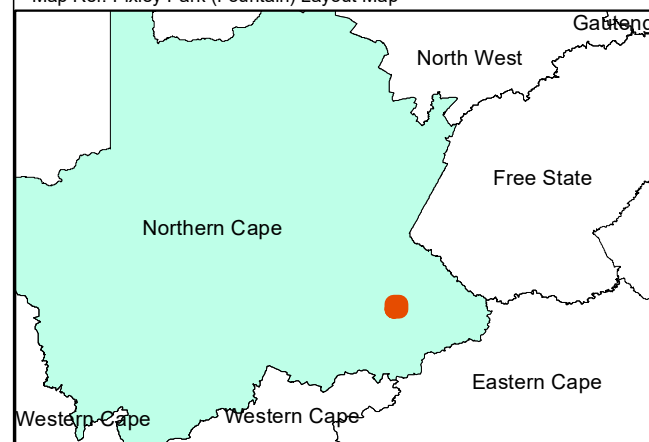
-  200m Corridor

-  IPP Substation
-  Eskom Switching Station

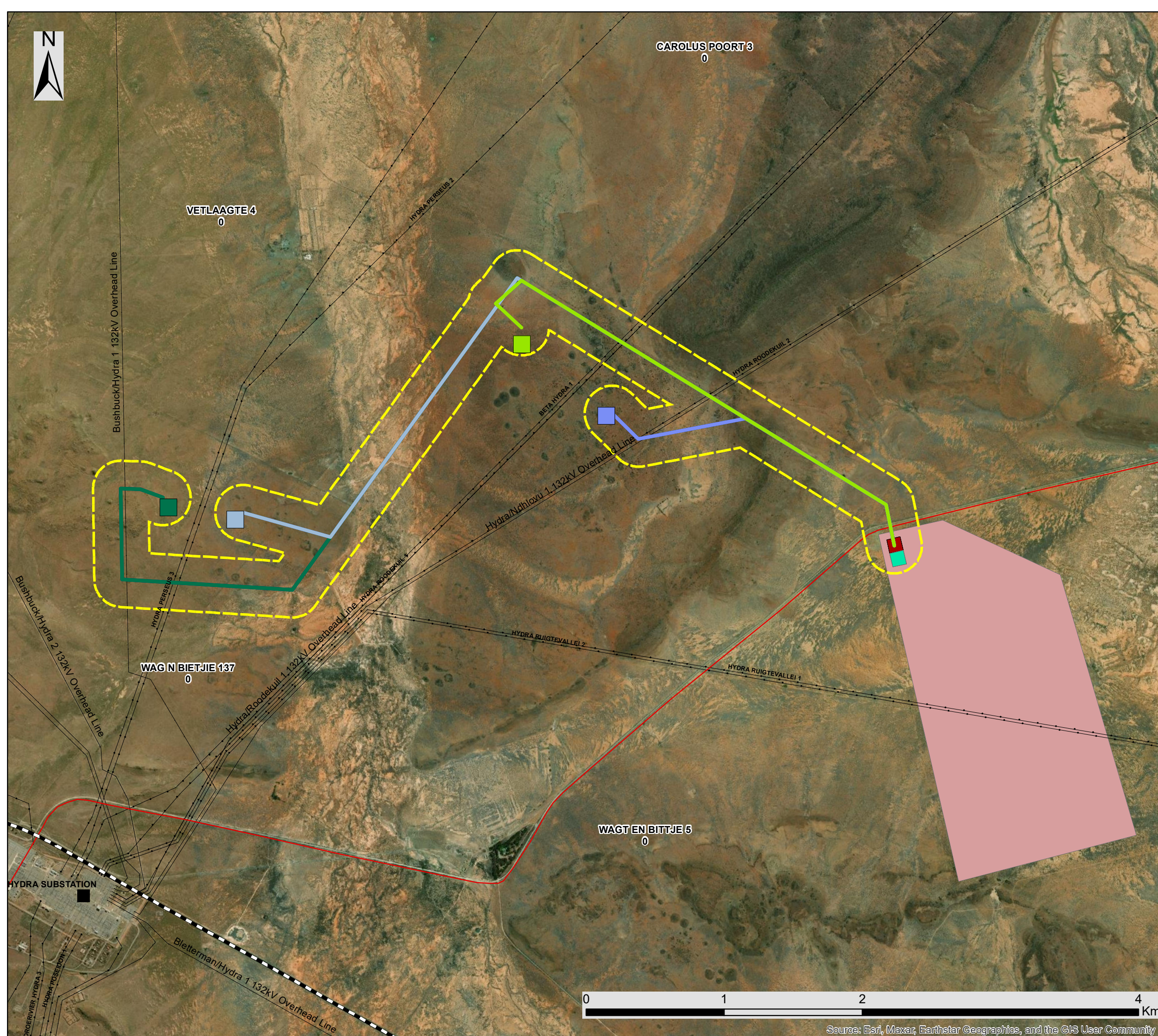
### Solar PV Facility

-  Fountain Solar PV1

Scale: 1:30 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Pixley Park (Fountain) Layout Map



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





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

## Layout Map

### Legend

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

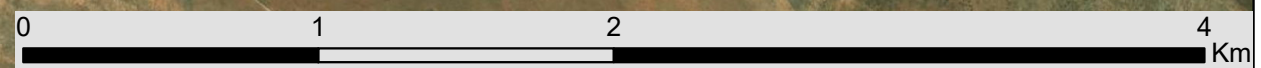
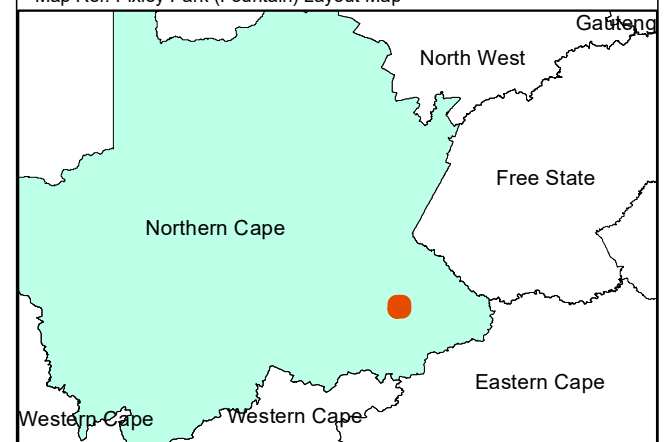
### MTS Connection Point (Separate EA Application)

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

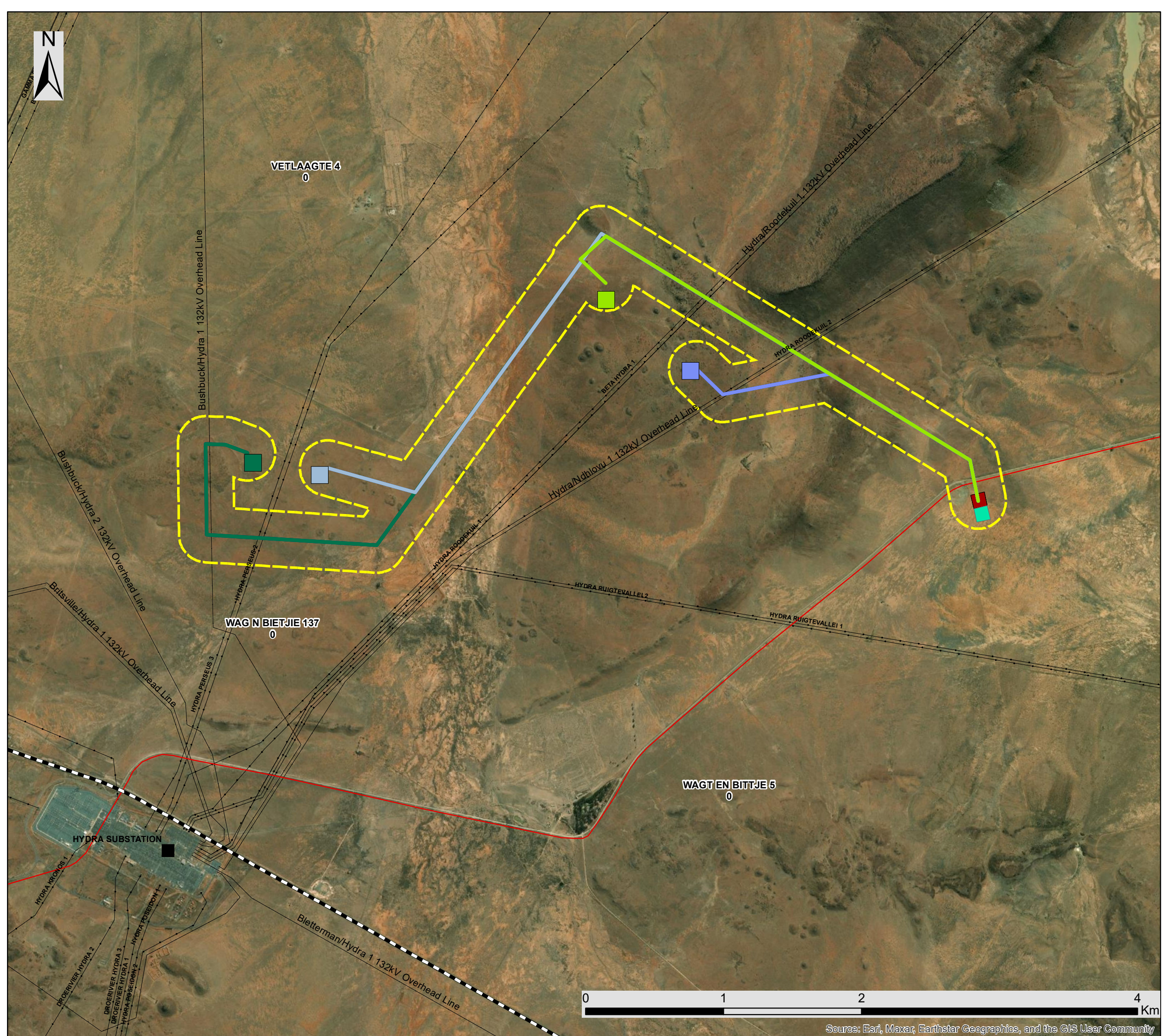
### Grid Connection Infrastructure

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

Scale: 1:30 000  
 Projection: GCS\_WGS\_1984  
 Map Ref: Pixley Park (Fountain) Layout Map



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



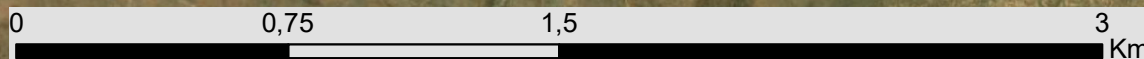




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Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

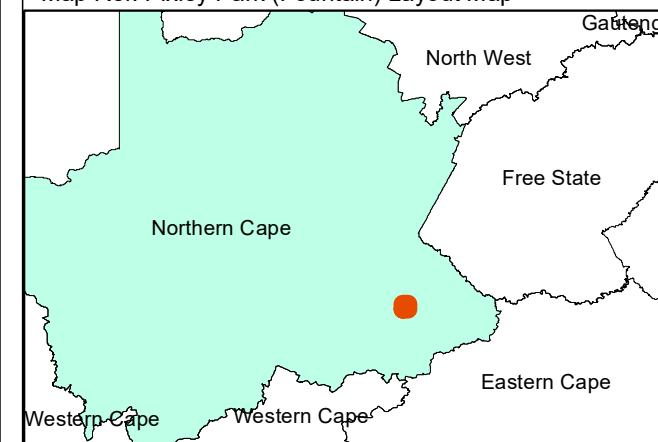
# Fountain Grid Connection Infrastructure, De Aar, Northern Cape Province

## Preferred Layout Map

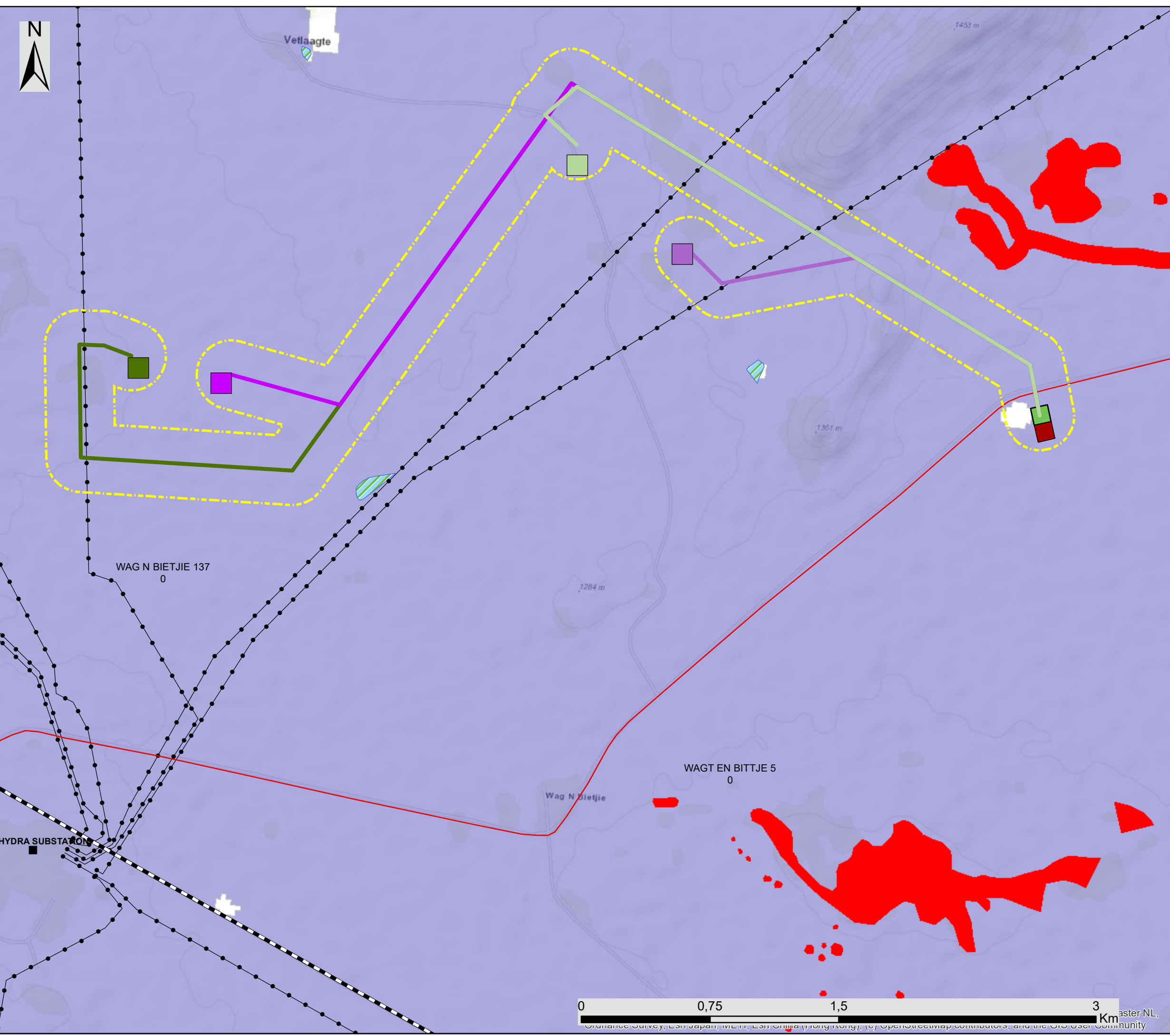
### Legend

-  Existing Power Line
-  Main Road
- MTS Connection Point (Separate EA Application)**
-  Wag 'n Bietjie MTS (Preferred)
- Grid Connection Infrastructure**
-  132 kV Grid Connection (Preferred)
-  IPP Substation
-  Eskom Switching Station

Scale: 1:30 000  
Projection: GCS\_WGS\_1984  
Map Ref: Pixley Park (Fountain) Layout Map







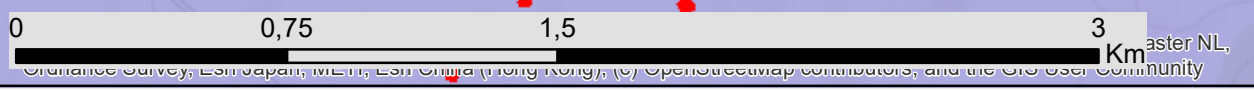
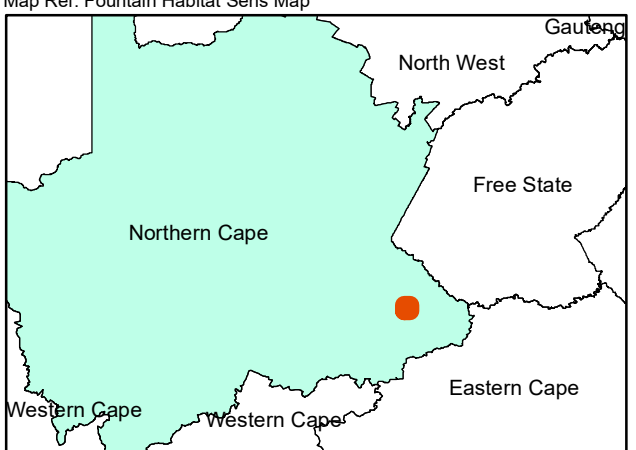
# Foutain Grid Connection Infrastructure, De Aar, Northern Cape Province

## Habitat Sensitivity Map

### Legend

- Existing Power Line
- Main Road
- Railway Line
- Environmental Sensitivities**
- NFEPA\_Wetlands
- Non-Developable Areas (High Sensitive Areas)
- Ecological Support Area
- Grid Connection Infrastructure**
- MTS Connection Point (Separate EA Application)**
- Wag 'n Bietjie (Alternative 1)
- Vetlaagte MTS (Alternative 2)
- Vetlaagte MTS (Alternative 3)
- Wag 'n Bietjie MTS (Preferred)
- 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

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





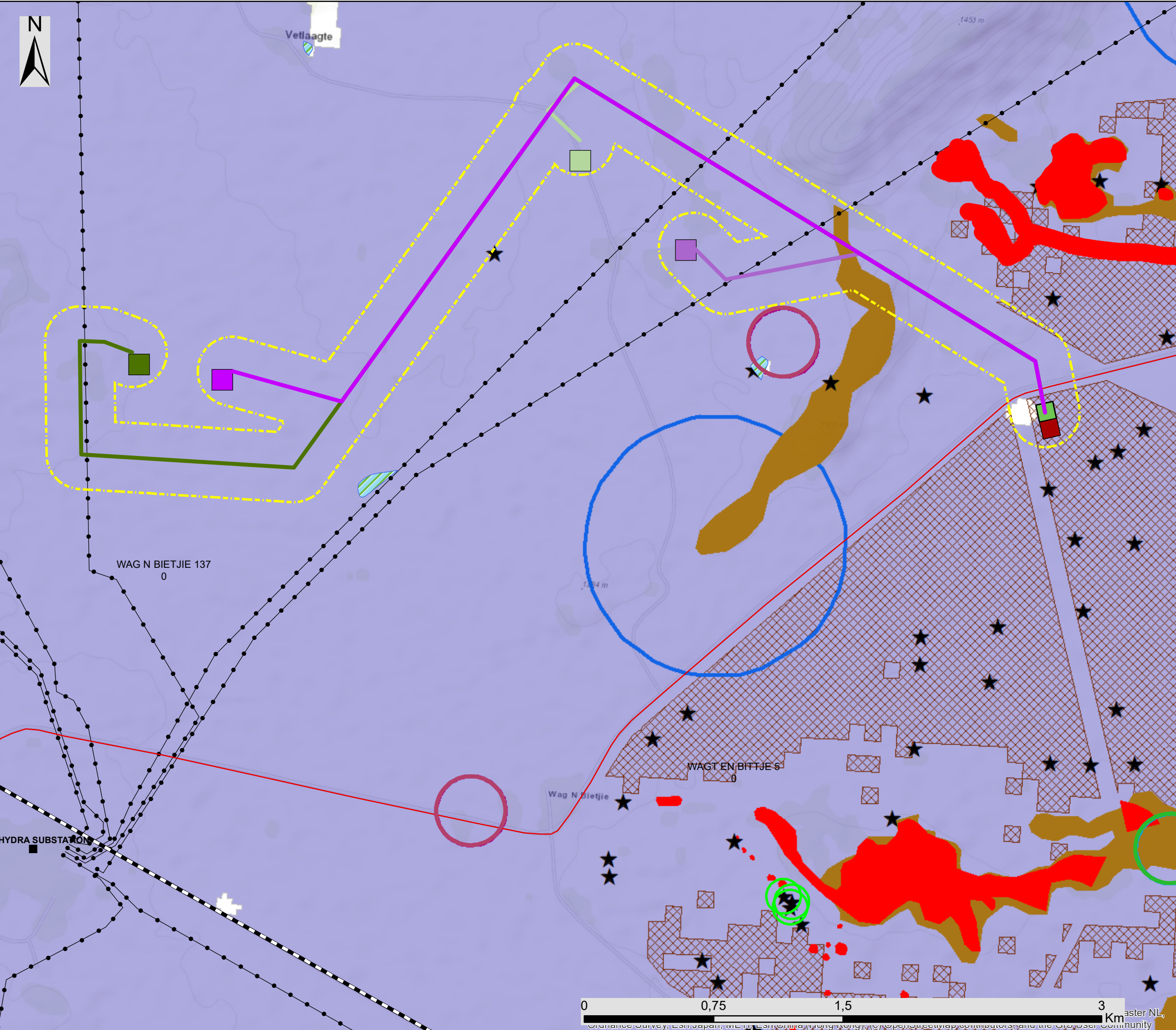
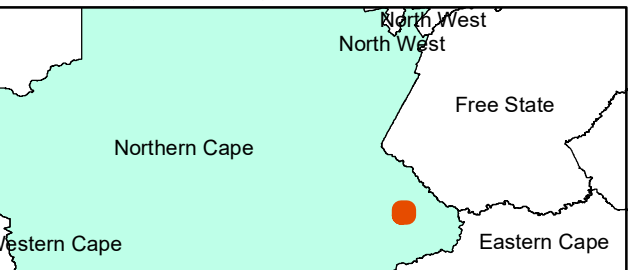
# Fountain EGI, De Aar, Northern Cape Province

## Combined Sensitivity Map

### Legend

- Existing Power Line
- National Road
- Main Road
- Railway Line
- Perennial River
- Non-perennial River
- Environmental Sensitivities**
- Heritage 100 m buffer
- NFEPA\_Wetlands
- Heritage Points
- Dam Buffer
- Wetland Buffer
- Non-Developable Areas (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 (Alternative 2)
- 132 kV Grid Connection (Alternative 3)
- 132 kV Grid Connection (Alternative 1)
- 132 kV Grid Connection (Preferred)
- 200m Buffer
- IPP Substation
- Eskom Switching Station
- MTS Connection Point (Separate EA Application)**
- Wag 'n Bietjie (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



0 0,75 1,5 3 Km  
 aster NL  
 Ordnance Survey, Esri Japan, DE Lm, Esri (and its licensors), OpenStreetMap contributors, and the GIS User Community