

**PROPOSED
BESS AND ASSOCIATED
INFRASTRUCTURE FOR
THE PROPOSED
PLATSJAMBOK EAST SEF
NEAR PRIESKA
NORTHERN CAPE
PROVINCE
SITE LOCALITY**

- Legend**
- Main Roads
 - Railway Lines
 - Power Lines (400kV)
 - Existing Substation
 - Platsjambok East SEF Application Site
 - Platsjambok East SEF PV Area
 - Substation Sites
 - Grid Connection
 - BESS Assessment Area (S30° 2.139' E22° 30.474')

SOURCE:
ESKOM, 2012
MAINSTREAM, 2020
NGI, 2014

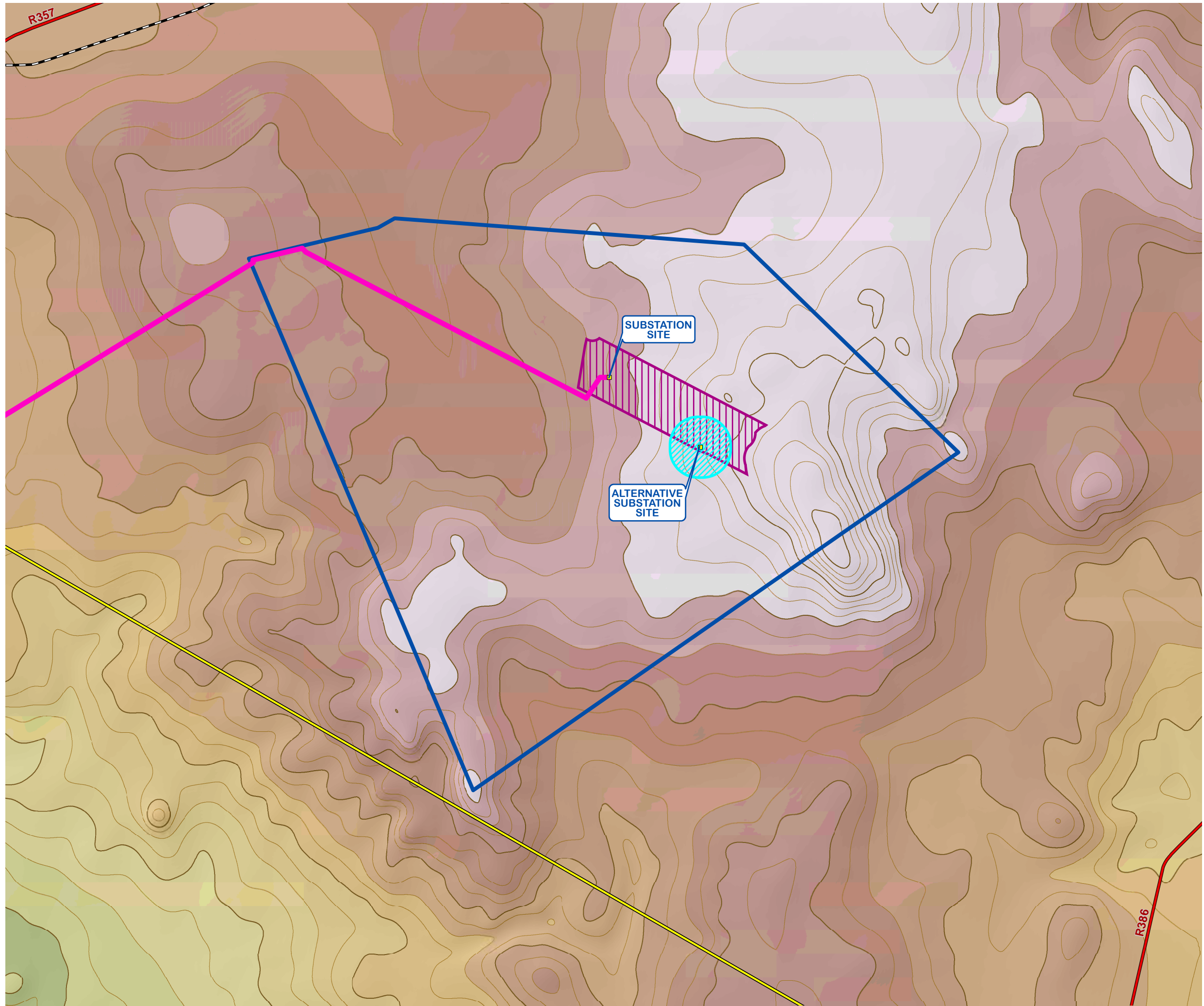
0 0.75 1.5
Kilometers

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Map Ref No 16499/PLE_BA02	Revision 0	Date _____

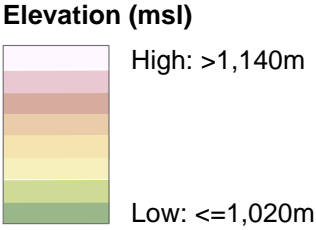
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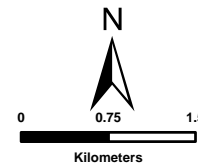


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THE PROPOSED
PLATSJAMBOK EAST SEF
NEAR PRIESKA
NORTHERN CAPE
PROVINCE
TOPOGRAPHY**

- Legend**
- Main Roads
 - Railway Lines
 - Power Lines (400kV)
 - Contours (20m Interval)
 - Contours (5m Interval)
 - Platsjambok East SEF Application Site
 - Platsjambok East SEF PV Area
 - Substation Sites
 - Grid Connection
 - BESS Assessment Area



SOURCE:
ESKOM, 2012
MAINSTREAM, 2020
NGI, 2014



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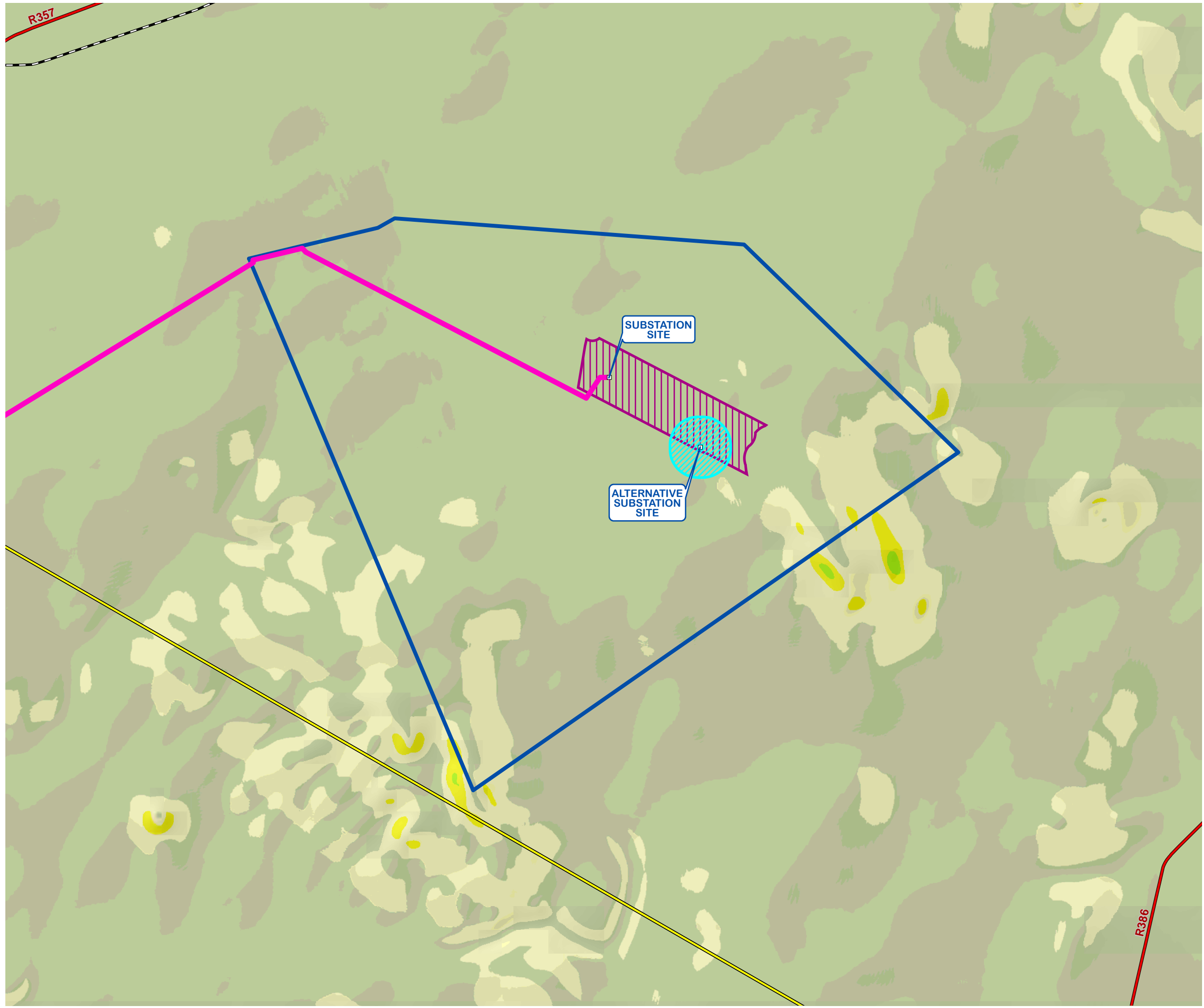
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**PROPOSED
BESS AND ASSOCIATED
INFRASTRUCTURE FOR
THE PROPOSED
PLATSJAMBOK EAST SEF
NEAR PRIESKA
NORTHERN CAPE
PROVINCE
SLOPE CLASSIFICATION**


- Legend**
- Main Roads
 - Railway Lines
 - Power Lines (400kV)
 - Platsjambok East SEF Application Site
 - Platsjambok East SEF PV Area
 - Substation Sites
 - Grid Connection
 - BESS Assessment Area

- Slope Classification**
- Flatter than 1:50
 - 1:50 - 1:20
 - 1:20 - 1:15

SOURCE:
ESKOM, 2012
MAINSTREAM, 2020
NGI, 2014



0 0.75 1.5
Kilometers

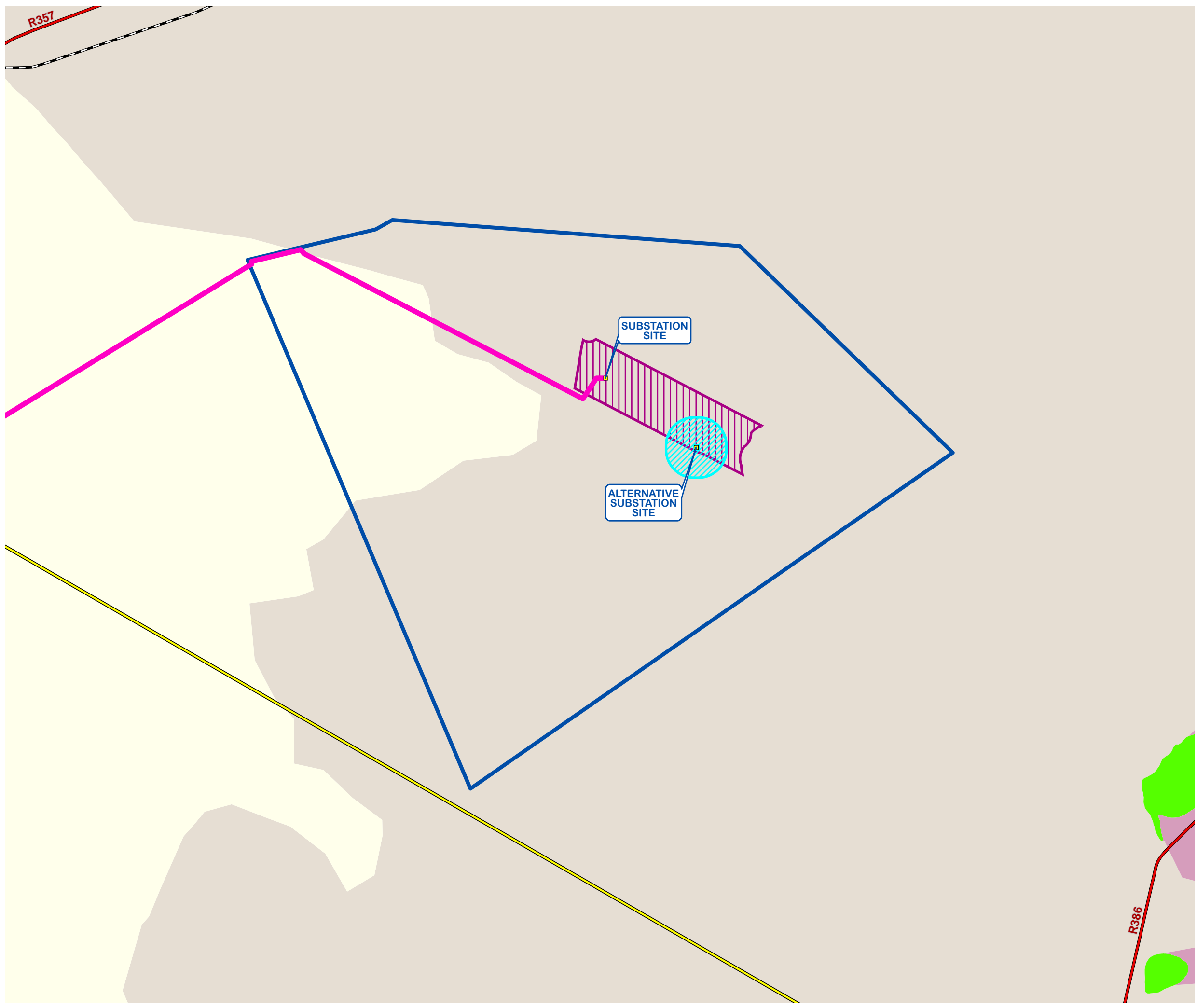


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INFRASTRUCTURE FOR
THE PROPOSED
PLATSJAMBOK EAST SEF
NEAR PRIESKA
NORTHERN CAPE
PROVINCE
VEGETATION CLASSIFICATION**

- Legend**
- Main Roads
 - Railway Lines
 - Power Lines (400kV)
 - Platsjambok East SEF Application Site
 - Platsjambok East SEF PV Area
 - Substation Sites
 - Grid Connection
 - BESS Assessment Area
- Vegetation Classification**
- Bushmanland Arid Grassland
 - Bushmanland Basin Shrubland
 - Bushmanland Vloere
 - Northern Upper Karoo

SOURCE:
ESKOM, 2012
SANBI, 2018

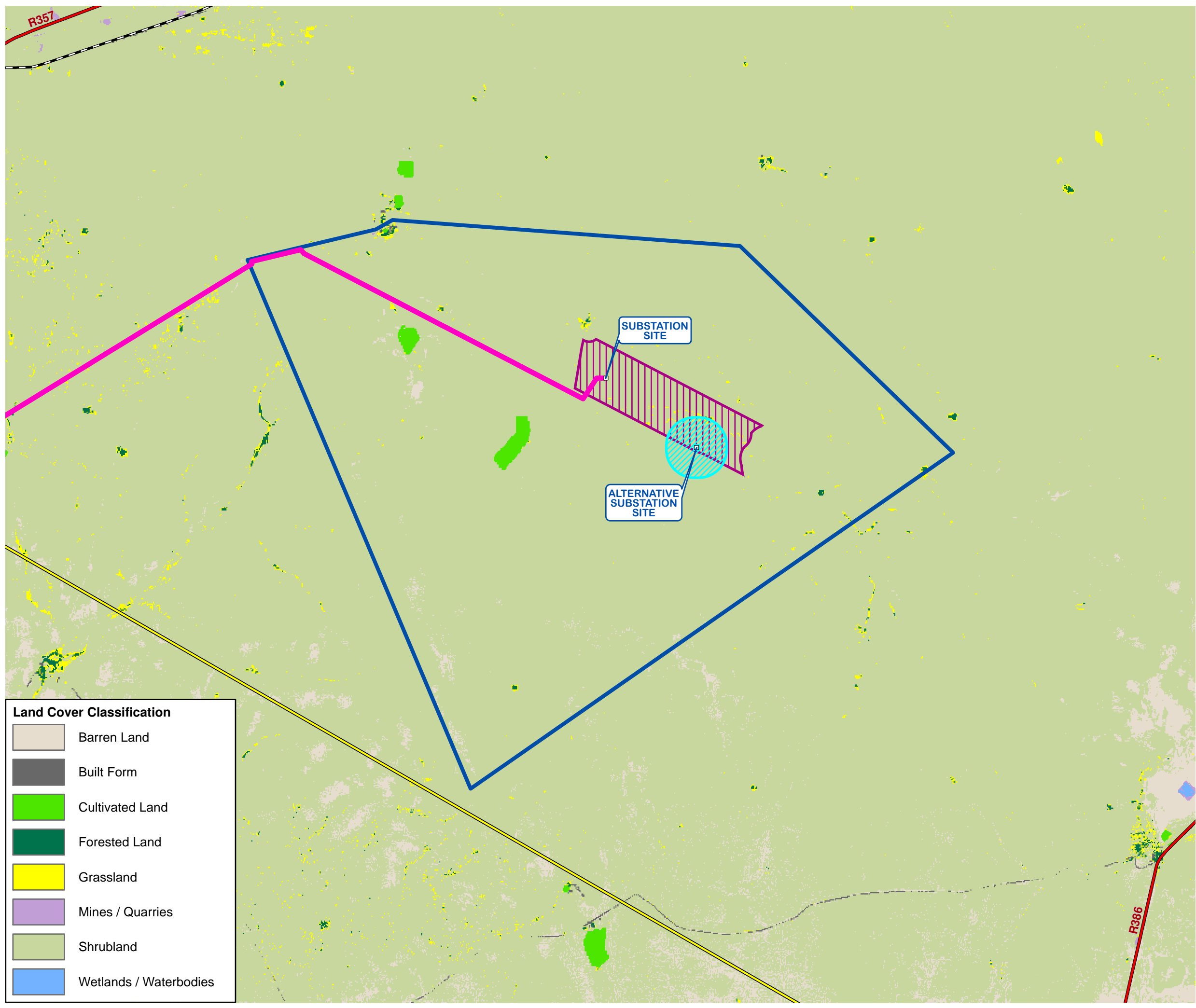
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PLATSJAMBOK EAST SEF
NEAR PRIESKA
NORTHERN CAPE
PROVINCE
BROAD LAND COVER
CLASSIFICATION**

- Legend**
- Main Roads
 - Railway Lines
 - Power Lines (400kV)
 - Platsjambok East SEF Application Site
 - Platsjambok East SEF PV Area
 - Substation Sites
 - Grid Connection
 - BESS Assessment Area

- Land Cover Classification**
- Barren Land
 - Built Form
 - Cultivated Land
 - Forested Land
 - Grassland
 - Mines / Quarries
 - Shrubland
 - Wetlands / Waterbodies

SOURCE:
ESKOM, 2012
NFEPA, 2011
2018 SA NATIONAL LAND COVER
(© GEOTERRAIMAGE - 2018)

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Kilometers

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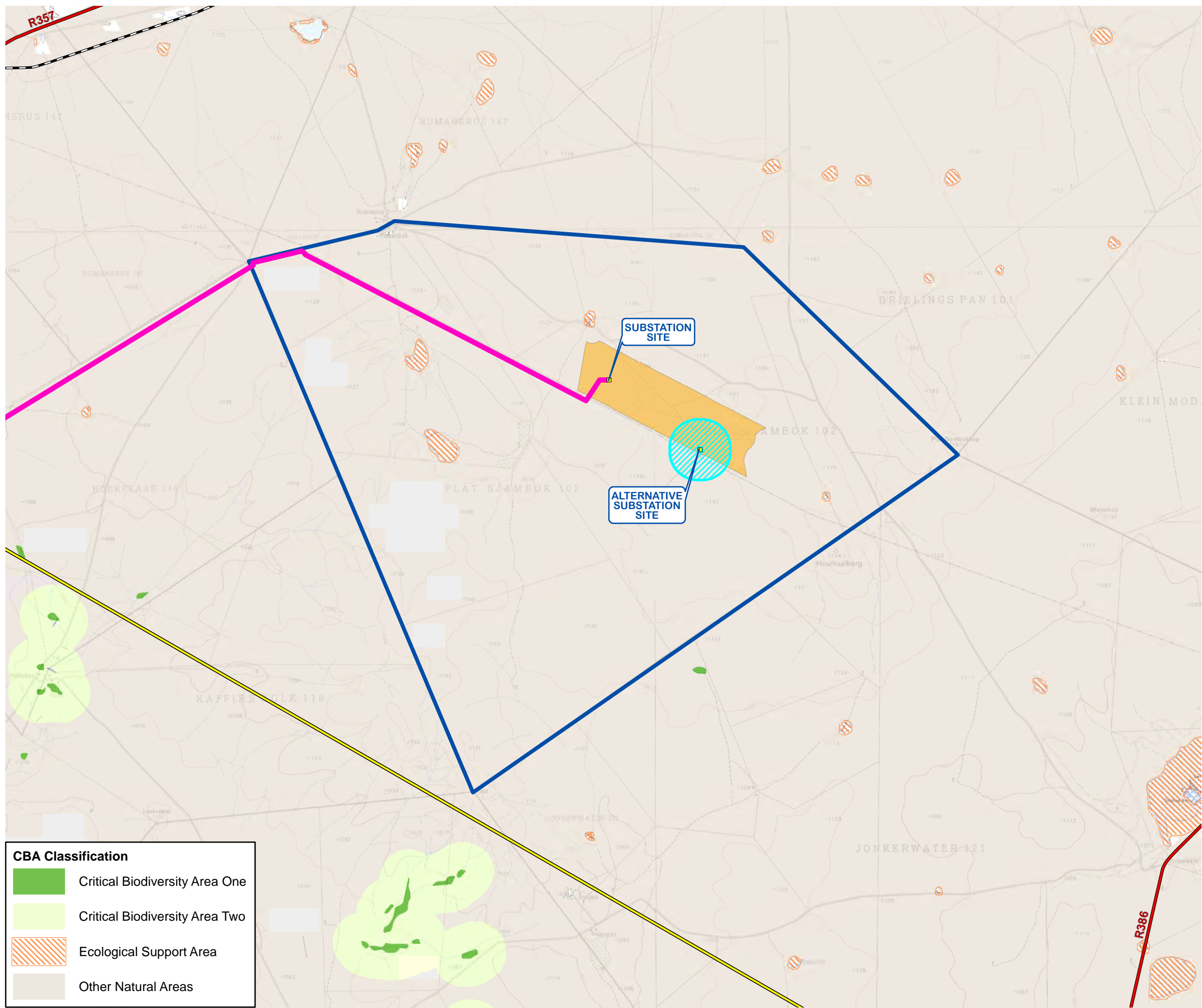
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NEAR PRIESKA
NORTHERN CAPE
PROVINCE
CRITICAL BIODIVERSITY AREAS**

- Legend**
- Main Roads
 - Railway Lines
 - Power Lines (400kV)
 - Platsjambok East SEF Application Site
 - Platsjambok East SEF PV Area
 - Substation Sites
 - Grid Connection
 - BESS Assessment Area

- CBA Classification**
- Critical Biodiversity Area One
 - Critical Biodiversity Area Two
 - Ecological Support Area
 - Other Natural Areas

SOURCE:
ESKOM, 2012
MAINSTREAM, 2020
NFEPA, 2011
NGI, 2014
NORTHERN CAPE DEPT OF ENVIRONMENT AND
CONSERVATION, 2016

0 0.75 1.5
Kilometers

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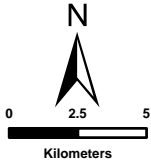
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PROVINCE**

**RENEWABLE ENERGY PROJECTS
WITHIN 35KMS RADIUS
(EXISTING AND PROPOSED)**

- Legend**
- Local Municipal Boundaries
 - National Route (N10)
 - Main Road
 - Railways
 - Main Towns
 - BESS Assessment Area
 - 35km Radius
 - Renewable Energy Application Sites

SOURCE:
DEFF, 2020
ESKOM, 2012
MAINSTREAM, 2020
NGI, 2014

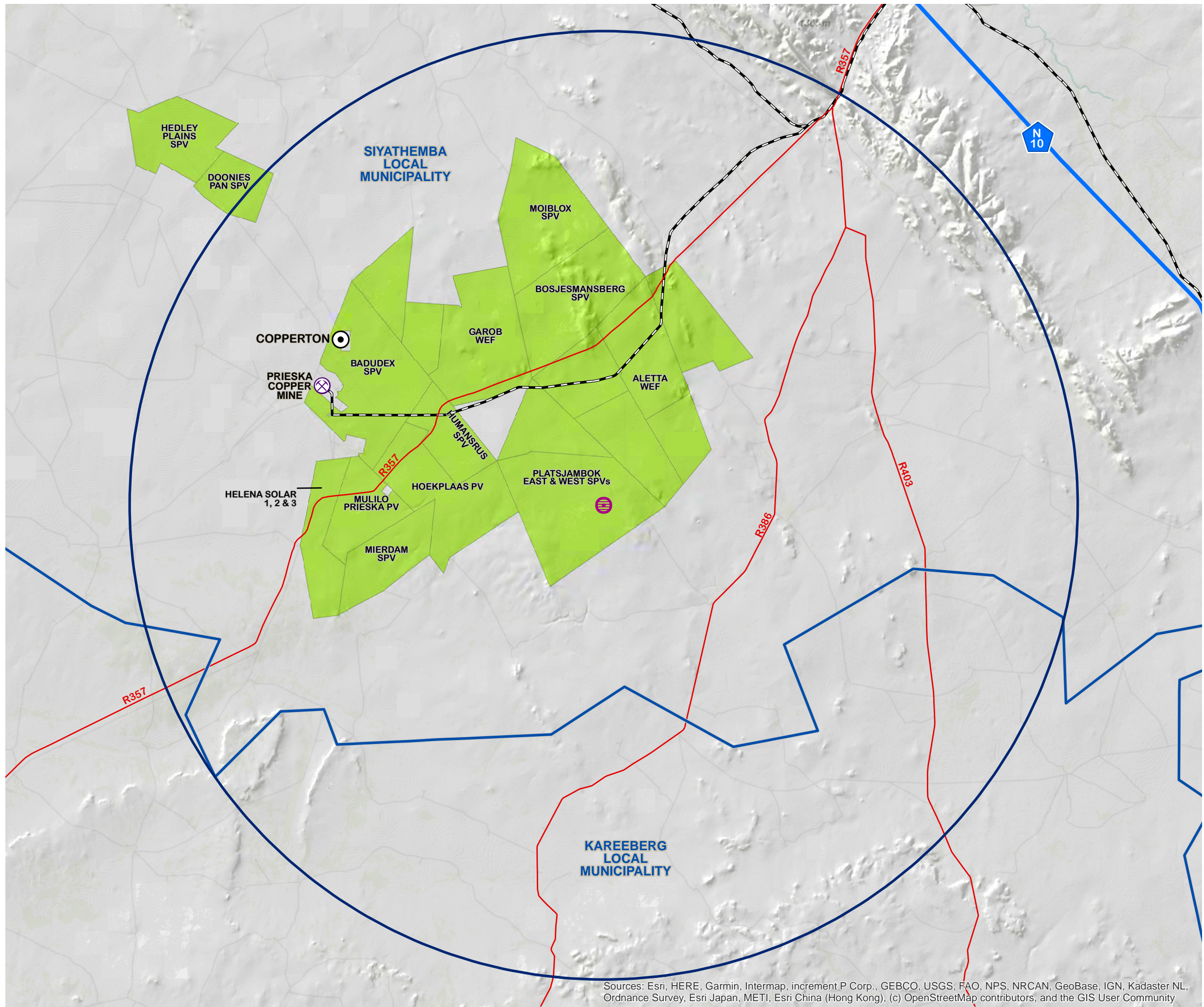


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