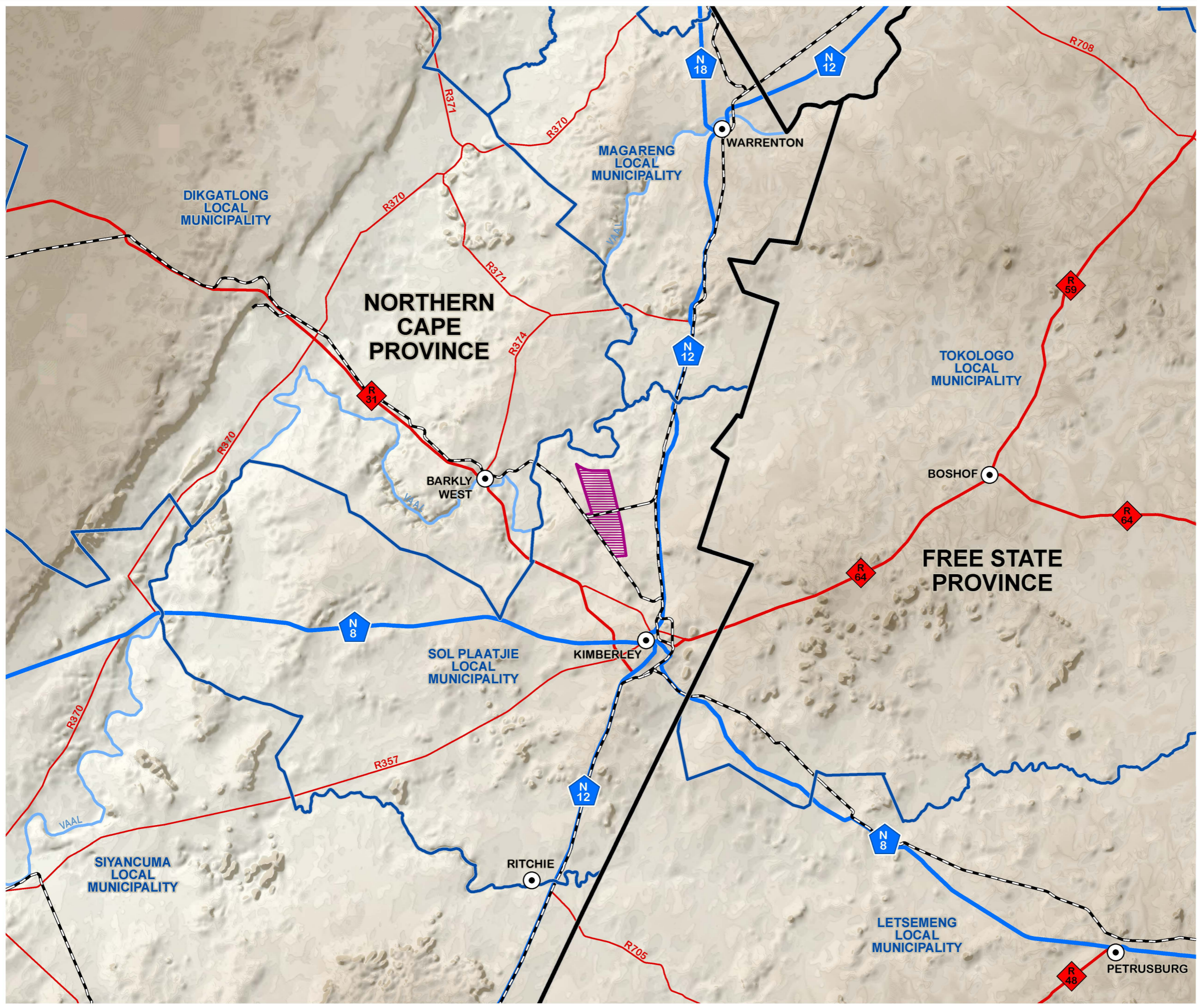
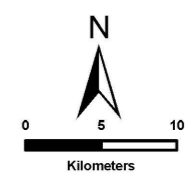


**PROPOSED  
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INFRASTRUCTURE FOR  
THE PROPOSED  
DROOGFONTEIN 3 SEF  
NEAR KIMBERLEY  
NORTHERN CAPE  
PROVINCE  
REGIONAL CONTEXT**



- Legend**
- Provincial Boundaries
  - Local Municipal Boundaries
  - National Routes
  - Arterial Routes
  - Main Roads
  - Railways
  - Vaal River
  - Main Towns
  - Droogfontein 3 SEF Application Site

SOURCE:  
ESKOM, 2012  
MAINSTREAM, 2020  
NGI, 2014



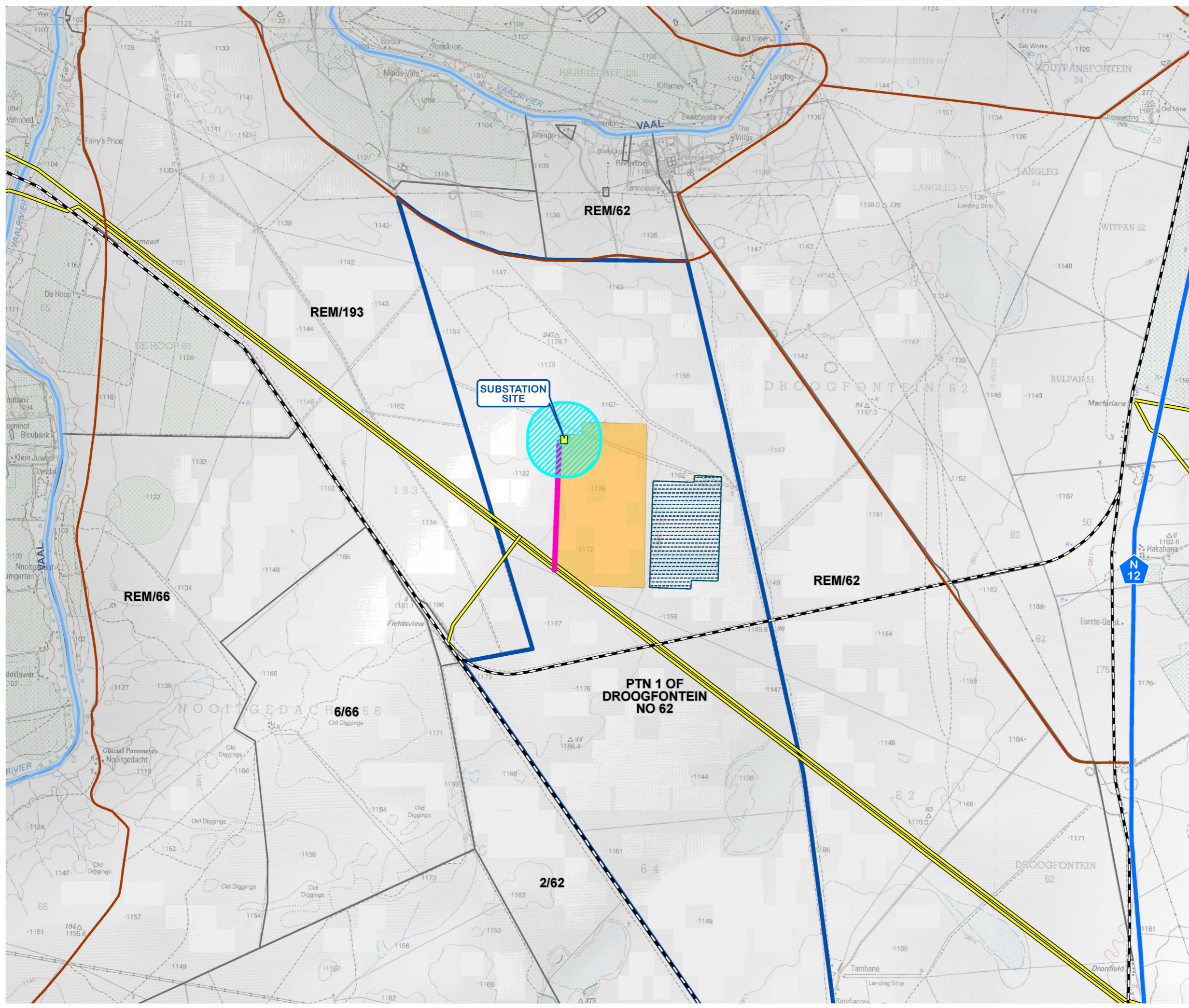
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Project No 16499	Prepared By KLS	Date 12/10/2020
Map Ref No 16499/D3_BA01	Revision 0	Date












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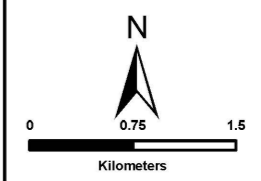
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INFRASTRUCTURE FOR  
THE PROPOSED  
DROOGFONTEIN 3 SEF  
NEAR KIMBERLEY  
NORTHERN CAPE  
PROVINCE  
SITE LOCALITY**



**Legend**

-  National Route (N12)
-  Secondary Roads
-  Railway Lines
-  Power Lines (132kV)
-  Rivers
-  Droogfontein 2 SEF
-  Droogfontein 3 SEF Application Site
-  Droogfontein 3 SEF Project Area
-  Substation Site
-  Grid Connection
-  BESS Assessment Area (S28° 33.350'; E24° 40.940')

SOURCE:  
ESKOM, 2012  
MAINSTREAM, 2020  
NFEPA, 2011  
NGI, 2014



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<b>Map Ref No</b> 16499/DR_BA02	<b>Revision</b> 0	<b>Date</b>

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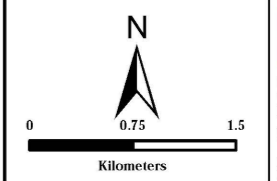
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INFRASTRUCTURE FOR  
THE PROPOSED  
DROOGFONTEIN 3 SEF  
NEAR KIMBERLEY  
NORTHERN CAPE  
PROVINCE  
TOPOGRAPHY**

**Legend**

-  National Route (N12)
-  Secondary Roads
-  Railway Lines
-  Power Lines (132kV)
-  Rivers
-  Contours (20m Interval)
-  Contours (5m Interval)
-  Droogfontein 3 SEF Application Site
-  Droogfontein 3 SEF Project Area
-  Substation Site
-  Grid Connection
-  BESS Assessment Area

SOURCE:  
ESKOM, 2012  
NFEPA, 2011  
NGI, 2014

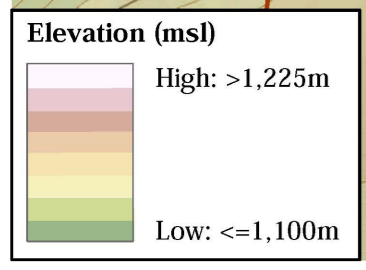
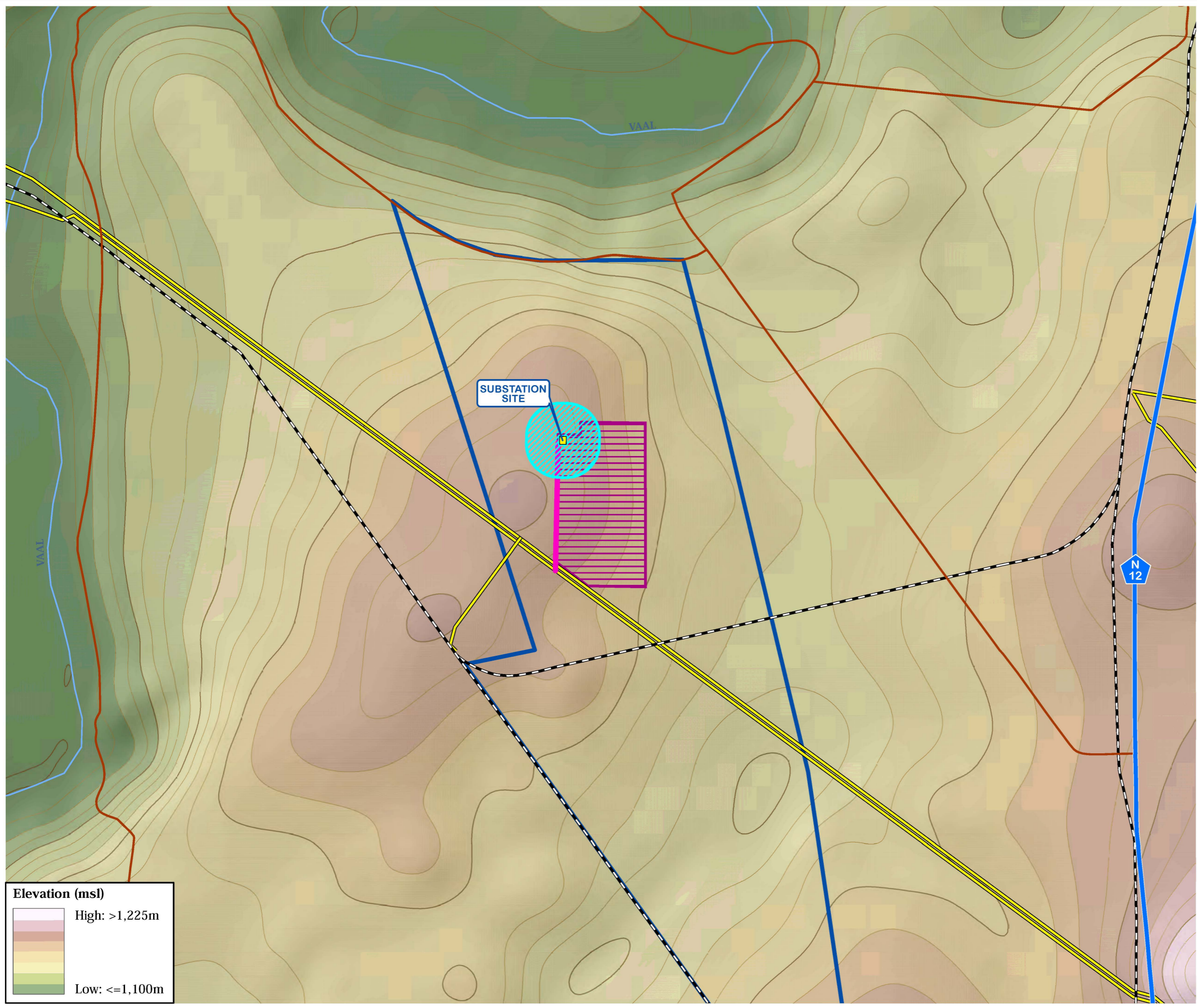


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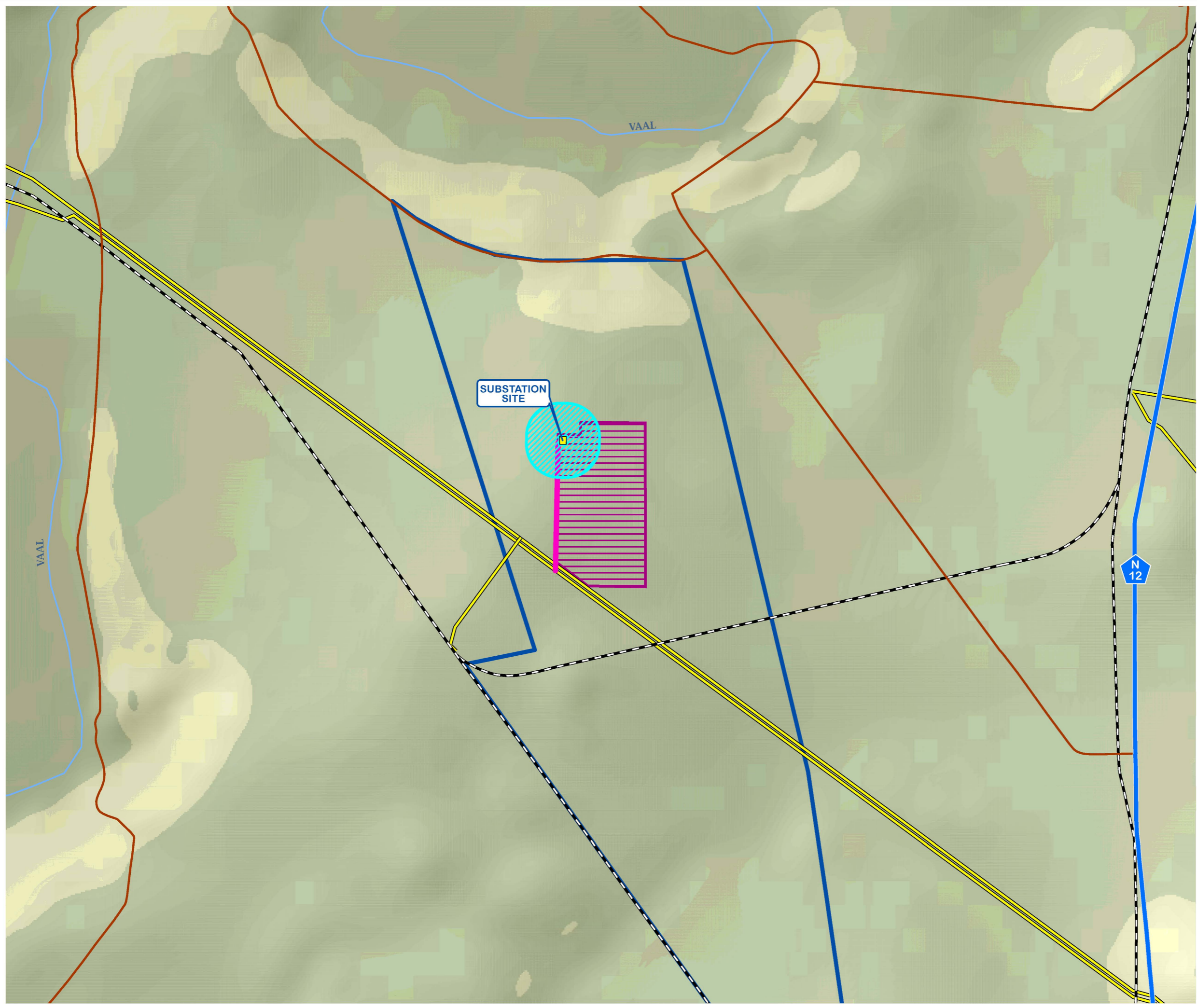
Project No 16499	Prepared By KLS	Date 12/10/2020
Map Ref No 16499/DR_BA03	Revision 0	Date

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THE PROPOSED  
DROOGFONTEIN 3 SEF  
NEAR KIMBERLEY  
NORTHERN CAPE  
PROVINCE  
SLOPE CLASSIFICATION**



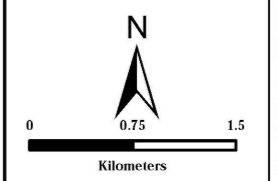
**Legend**

- National Route (N12)
- Secondary Roads
- Railway Lines
- Power Lines (132kV)
- Rivers
- Droogfontein 3 SEF Application Site
- Droogfontein 3 SEF Project Area
- Substation Site
- Grid Connection
- BESS Assessment Area

**Slope Classification**

- Flatter than 1:50
- 1:50 - 1:20

SOURCE:  
ESKOM, 2012  
NFEPA, 2011  
NGI, 2014



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<b>Map Ref No</b> 16499/DR_BA04	<b>Revision</b> 0	<b>Date</b> 



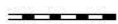









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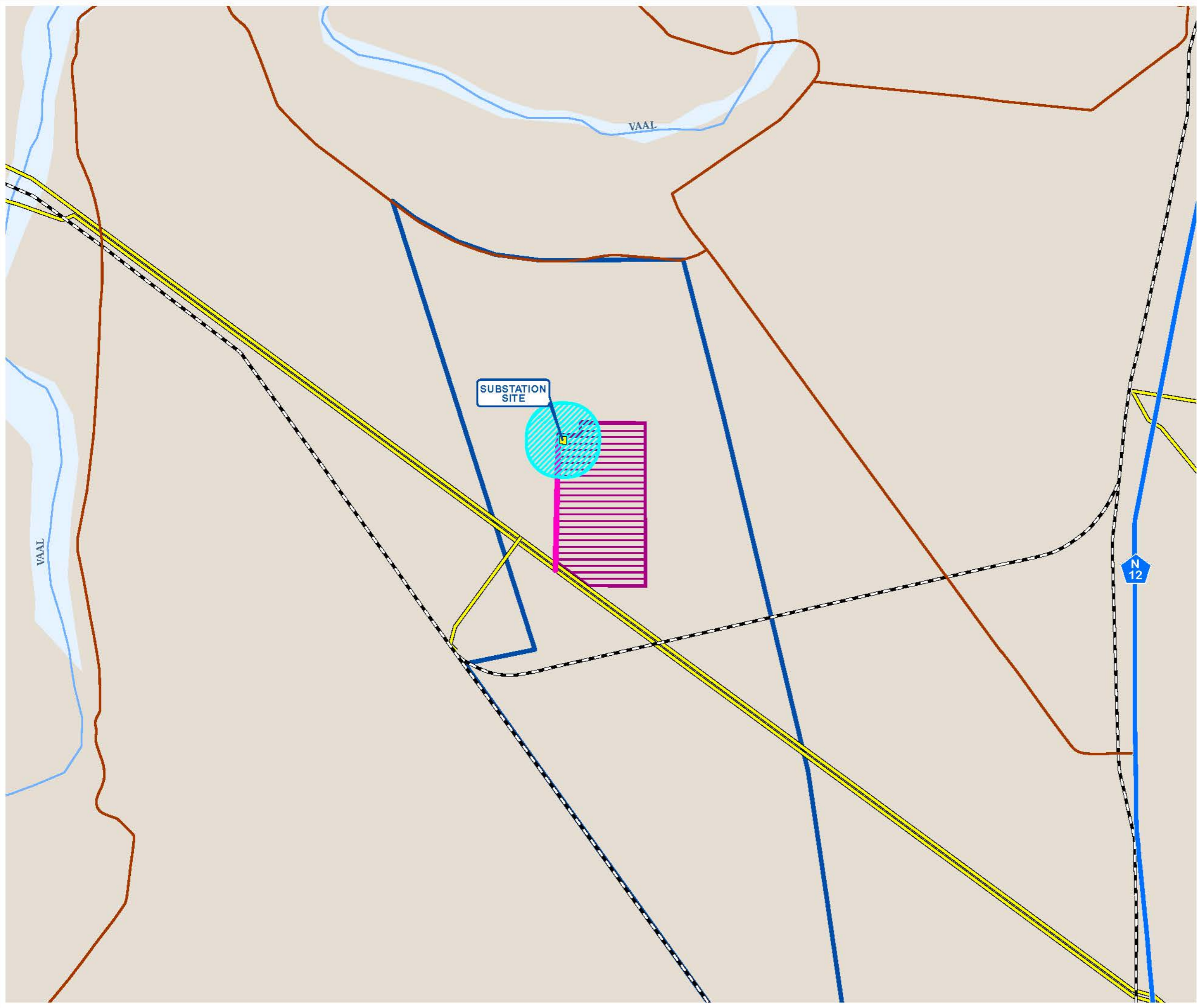
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THE PROPOSED  
DROOGFONTEIN 3 SEF  
NEAR KIMBERLEY  
NORTHERN CAPE  
PROVINCE**




**VEGETATION CLASSIFICATION**

**Legend**

-  National Route (N12)
  -  Secondary Roads
  -  Railway Lines
  -  Power Lines (132kV)
  -  Rivers
  -  Droogfontein 3 SEF Application Site
  -  Droogfontein 3 SEF Project Area
  -  Substation Site
  -  Grid Connection
  -  BESS Assessment Area
- Vegetation Classification**
-  Highveld Alluvial Vegetation
  -  Kimberley Thornveld



SOURCE:  
ESKOM, 2012  
NFEPA, 2011  
SANBI, 2018

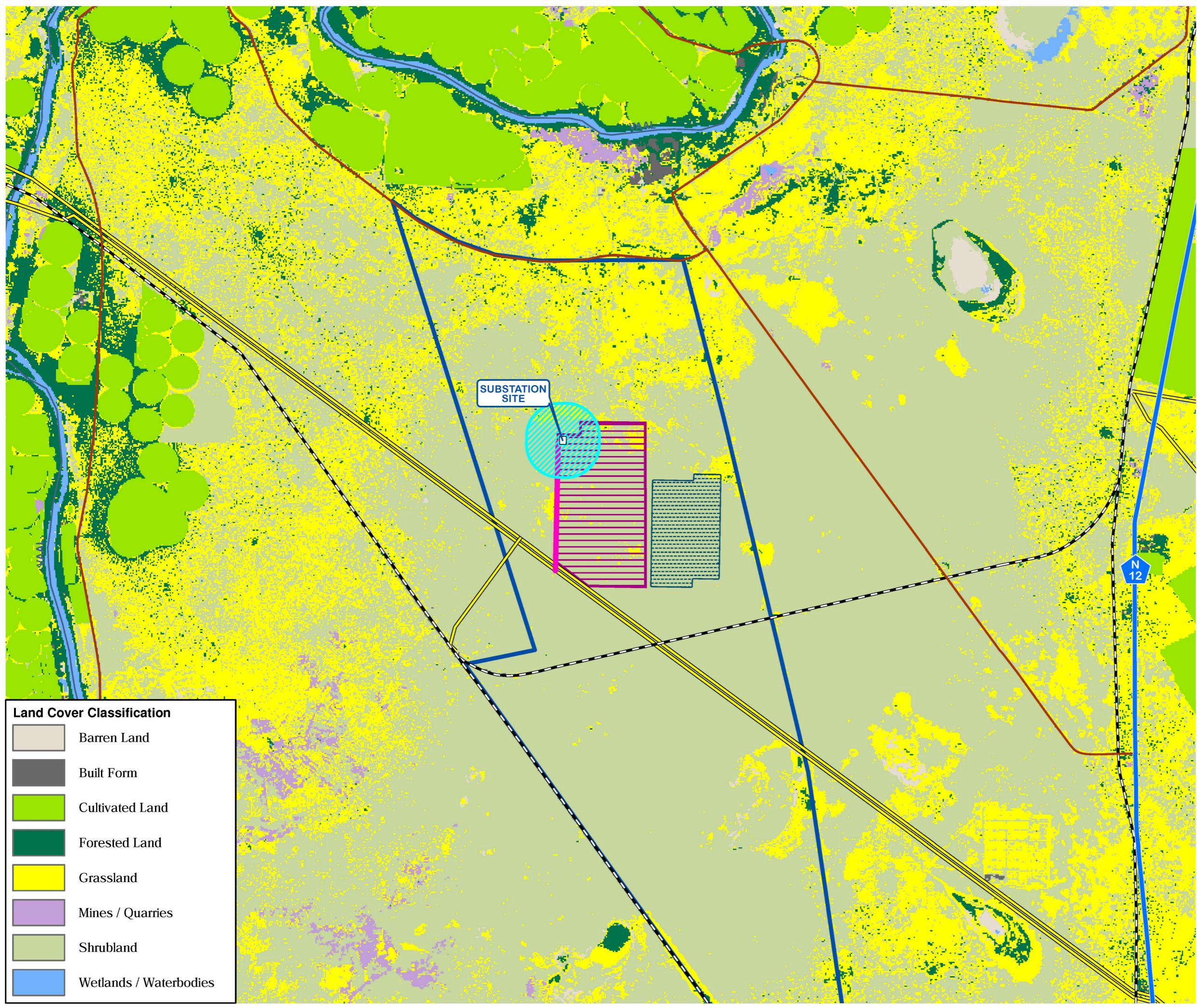
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<b>Project No</b> 16499	<b>Prepared By</b> KLS	<b>Date</b> 12/10/2020
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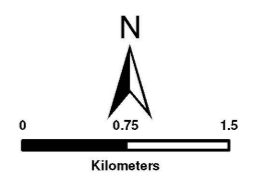
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INFRASTRUCTURE FOR  
THE PROPOSED  
DROOGFONTEIN 3 SEF  
NEAR KIMBERLEY  
NORTHERN CAPE  
PROVINCE  
BROAD LAND COVER  
CLASSIFICATION**



- Legend**
-  National Route (N12)
  -  Secondary Roads
  -  Railway Lines
  -  Power Lines (132kV)
  -  Rivers
  -  Droogfontein 2 SEF
  -  Droogfontein 3 SEF Application Site
  -  Droogfontein 3 SEF Project Area
  -  Substation Site
  -  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  
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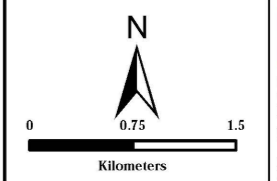
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INFRASTRUCTURE FOR  
THE PROPOSED  
DROOGFONTEIN 3 SEF  
NEAR KIMBERLEY  
NORTHERN CAPE  
PROVINCE  
CRITICAL BIODIVERSITY AREAS**

**Legend**

-  National Route (N12)
-  Main Roads
-  Railway Lines
-  Power Lines (132kV)
-  Rivers
-  Droogfontein 3 SEF Application Site
-  Droogfontein 3 SEF Project Area
-  Substation Site
-  Grid Connection
-  BESS Assessment Area

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

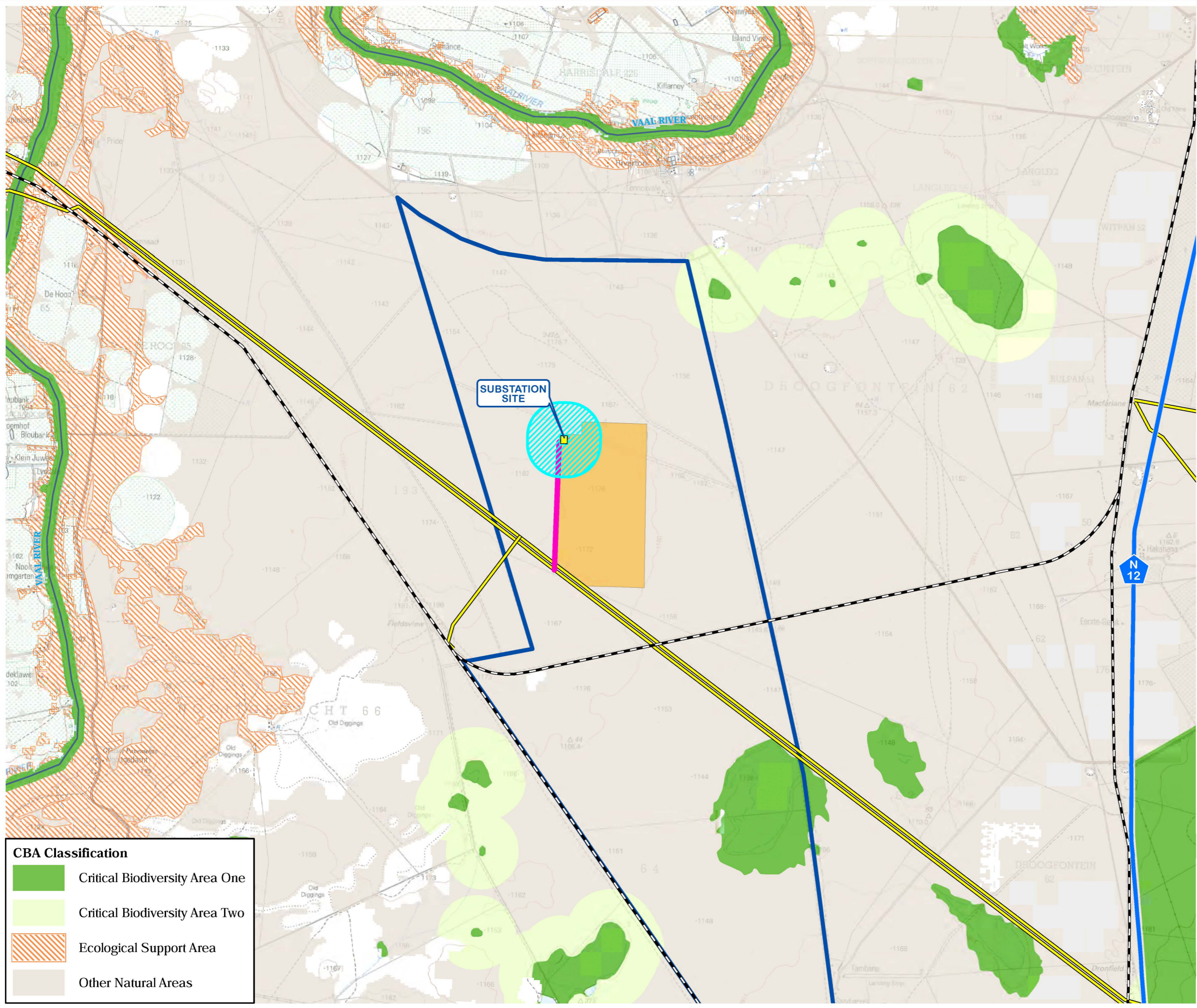


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


<b>Project No</b> 16499	<b>Prepared By</b> KLS	<b>Date</b> 12/10/2020
<b>Map Ref No</b> 16499/DR_BA07	<b>Revision</b> 0	<b>Date</b>

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**CBA Classification**

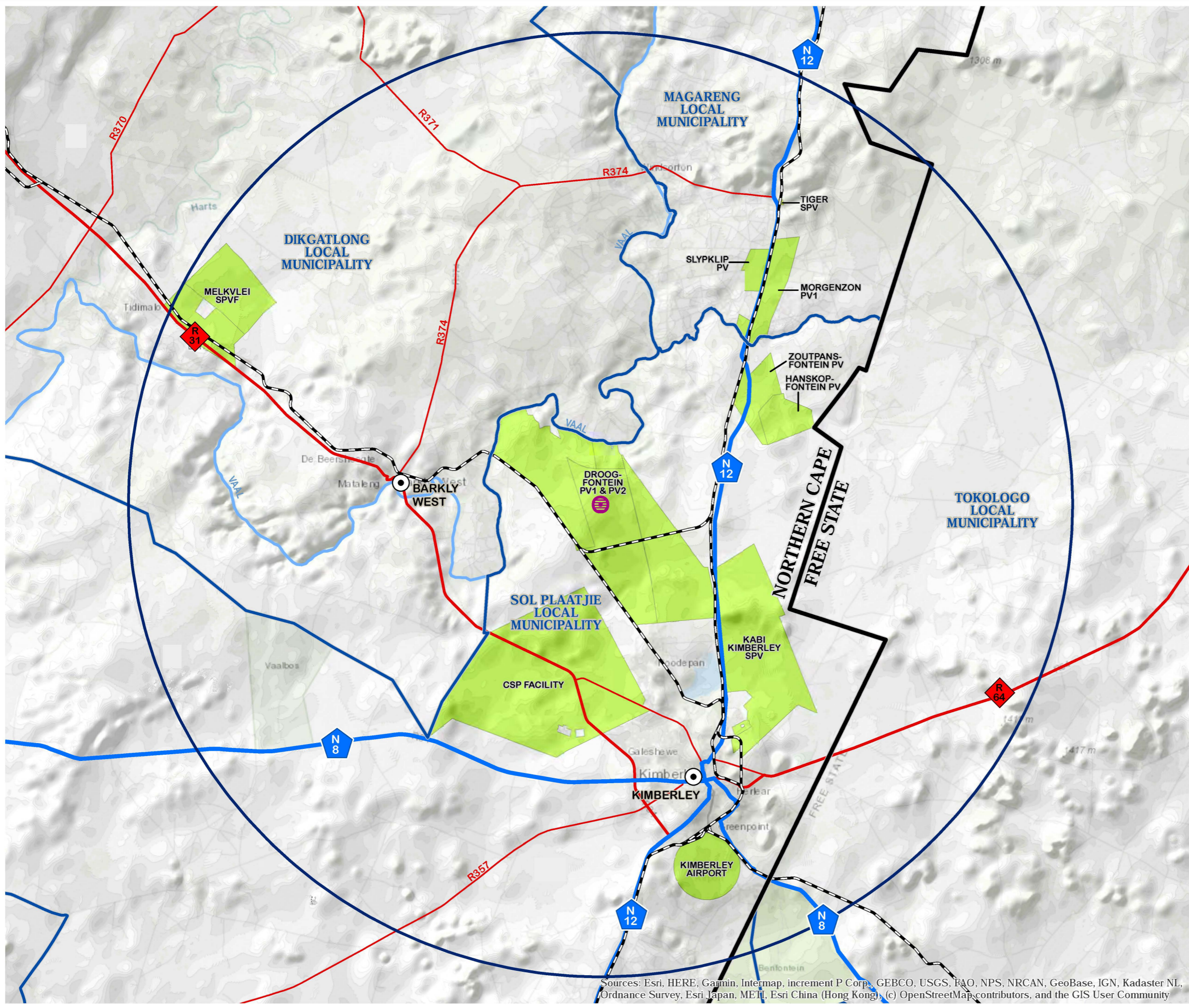
-  Critical Biodiversity Area One
-  Critical Biodiversity Area Two
-  Ecological Support Area
-  Other Natural Areas

**PROPOSED  
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INFRASTRUCTURE FOR  
THE PROPOSED  
DROOGFONTEIN 3 SEF  
NEAR KIMBERLEY  
NORTHERN CAPE  
PROVINCE**

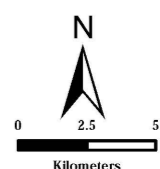
**RENEWABLE ENERGY PROJECTS  
WITHIN 35KM RADIUS  
(EXISTING AND PROPOSED)**

**Legend**

-  Provincial Boundaries
-  Local Municipal Boundaries
-  National Routes
-  Arterial Routes
-  Main Roads
-  Railways
-  Vaal River
-  Main Towns
-  BESS Assessment Area
-  35km Radius
-  Renewable Energy Application Sites



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



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