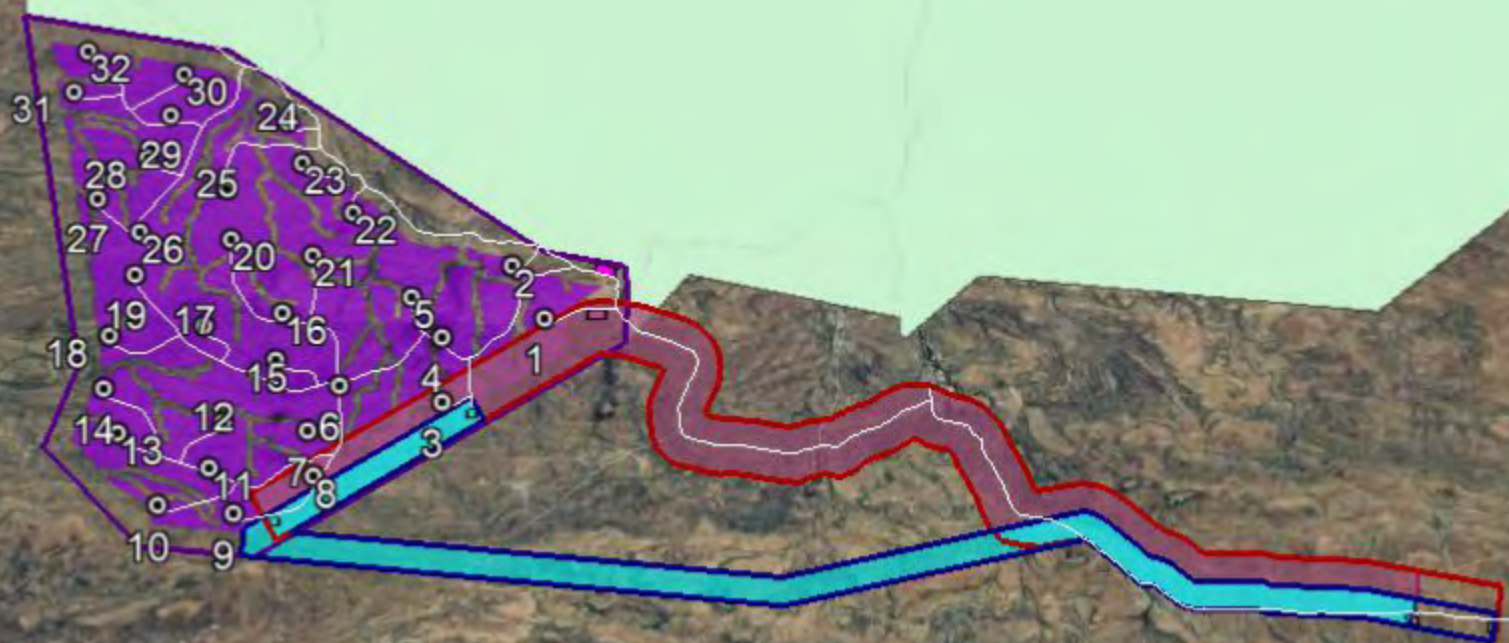


Koup 2 WEF

Location of development in relation to nearest REDZ

Legend

- Beaufort West REDZ
- Turbine Locations









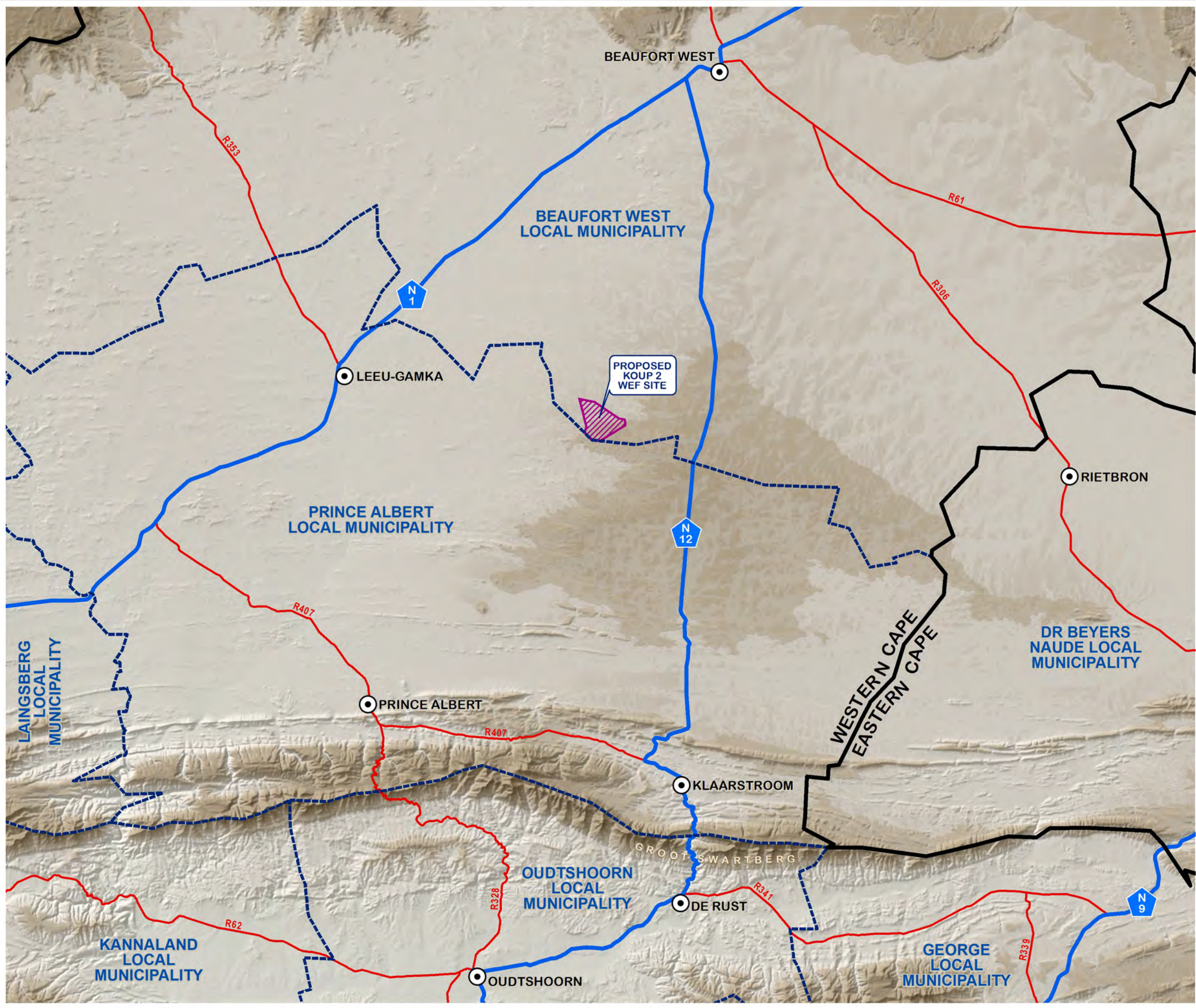
Google Earth

Image © 2021 Maxar Technologies
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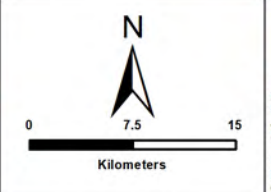
6 km

**PROPOSED
CONSTRUCTION OF THE
KOUPI 2 WIND ENERGY
FACILITY**
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
REGIONAL CONTEXT

- Legend**
-  Main Towns
 -  Provincial Boundary
 -  Local Municipal Boundaries
 -  National Routes
 -  Main Arterial Routes
 -  Koup 2 WEF Application Site



SOURCE:
MUNICIPAL DEMARCATION BOARD, 2016
NGI, 2014



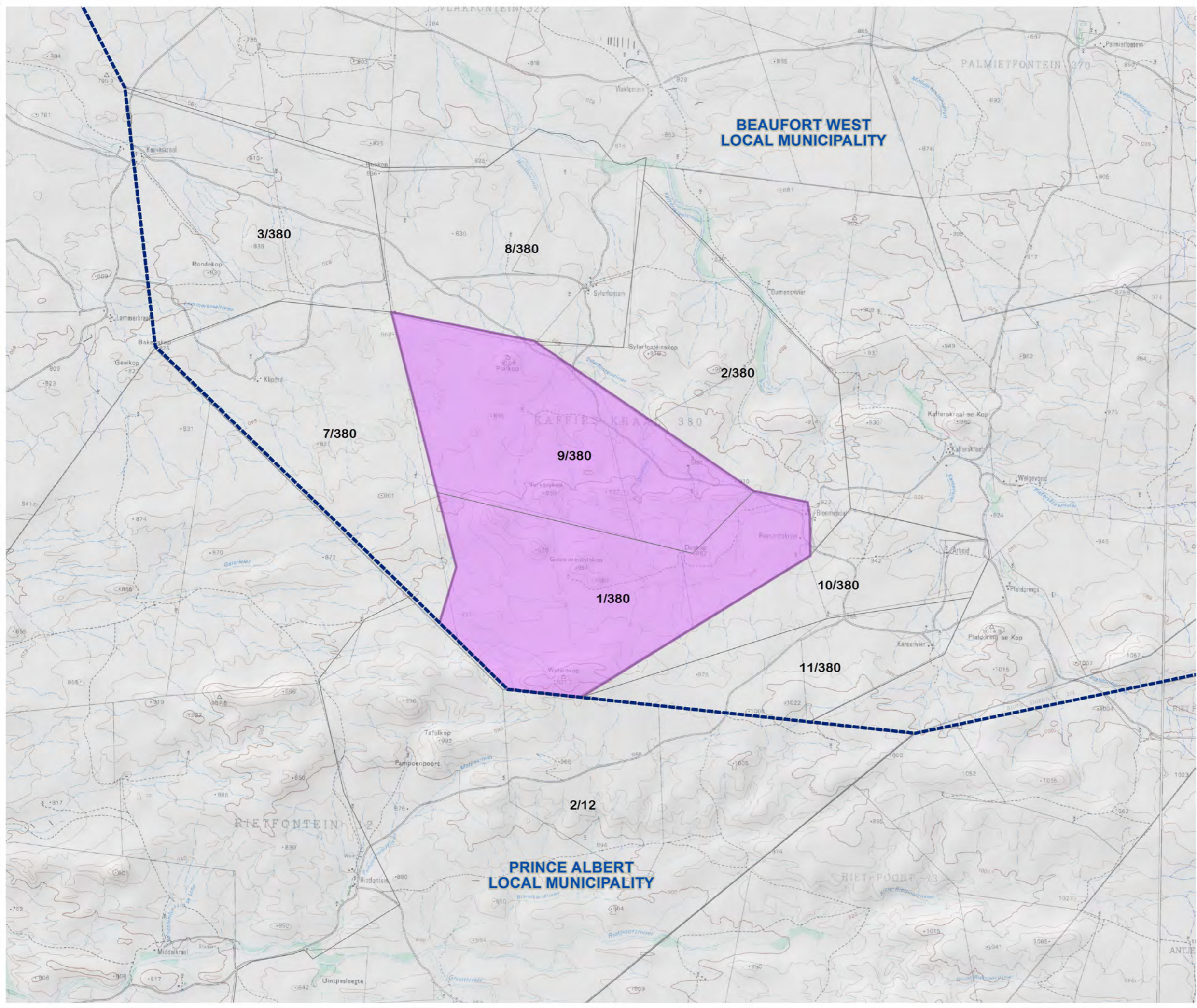
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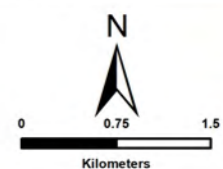
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**PROPOSED
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KOUPI 2 WIND ENERGY
FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
SITE LOCALITY**



- Legend**
-  Local Municipal Boundaries
 -  Local Access
 -  Farm Portions
 -  Koupi 2 WEF Application

SOURCE:
MUNICIPAL DEMARCATION BOARD, 2016
NGI, 2014



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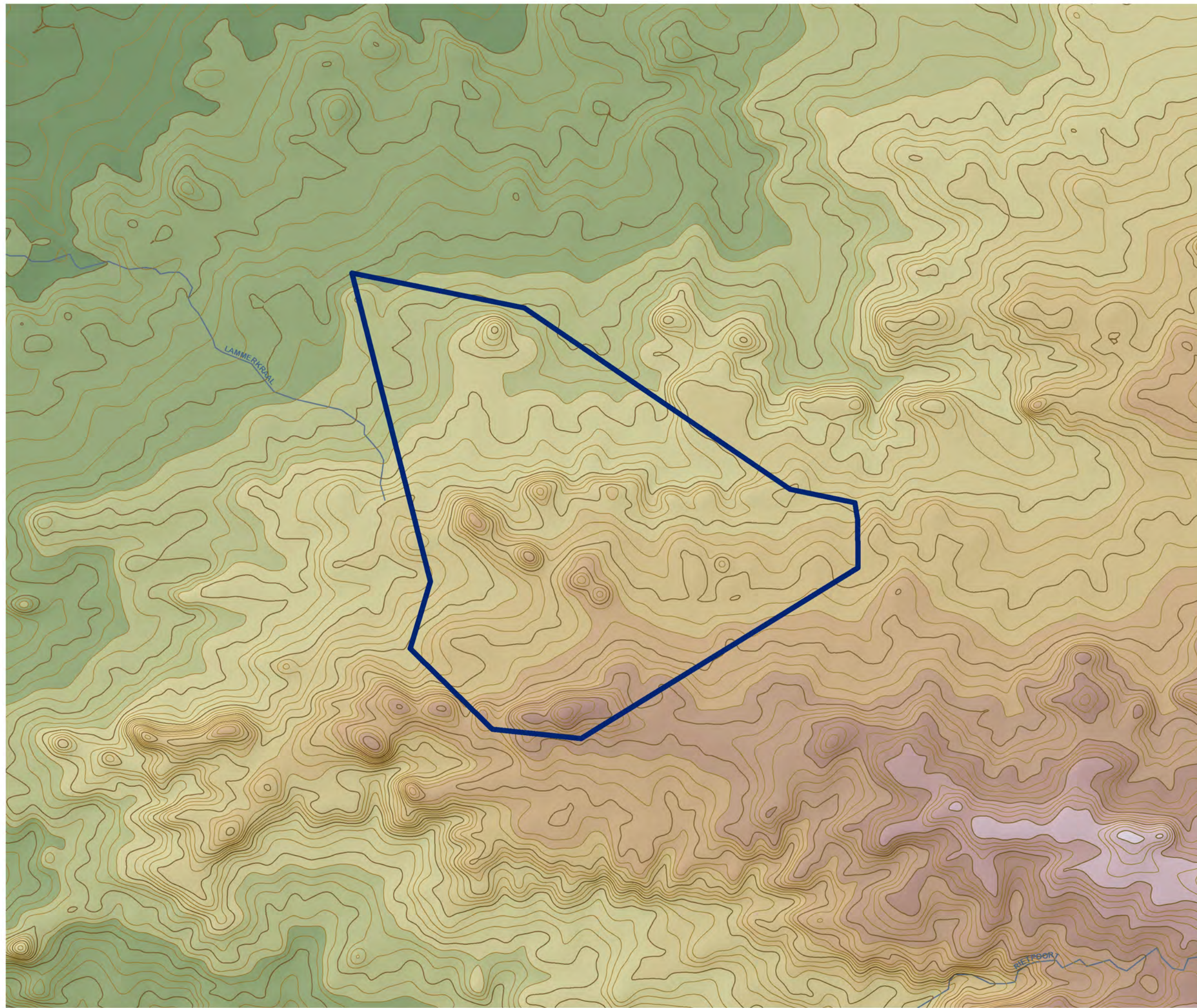
**PROPOSED
CONSTRUCTION OF THE
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FACILITY**
**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**
TOPOGRAPHY

Legend

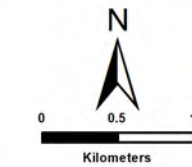
-  Rivers
-  Contours (20m Interval)
-  Contours (5m Interval)
-  Koupi 2 WEF Application Site

Elevation (msl)

-  High: >1,060m
- 
-  Low: <= 800m



SOURCE:
NFPA, 2011
NGI, 2014



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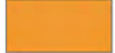

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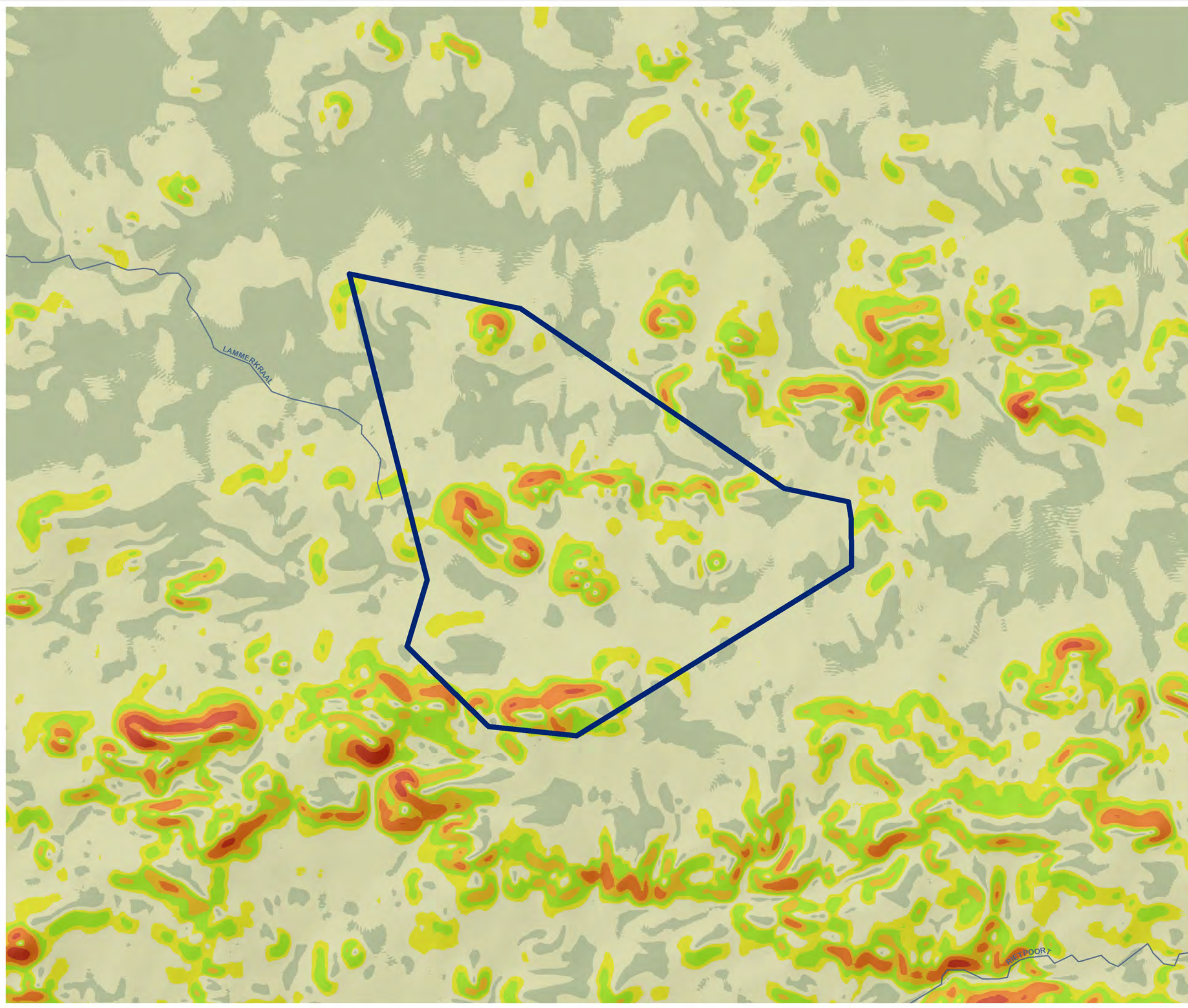
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FACILITY**
**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**
SLOPE CLASSIFICATION

Legend

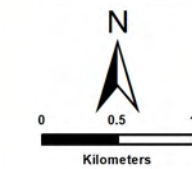
-  Rivers
-  Koupi 2 WEF Application Site

Slope Classification

-  Flatter than 1:50
-  1:50 - 1:20
-  1:20 - 1:15
-  1:15 - 1:10
-  1:10 - 1:7.5
-  1:7.5 - 1:5
-  Steeper than 1:5



SOURCE:
NFEPA, 2011
NGI, 2014



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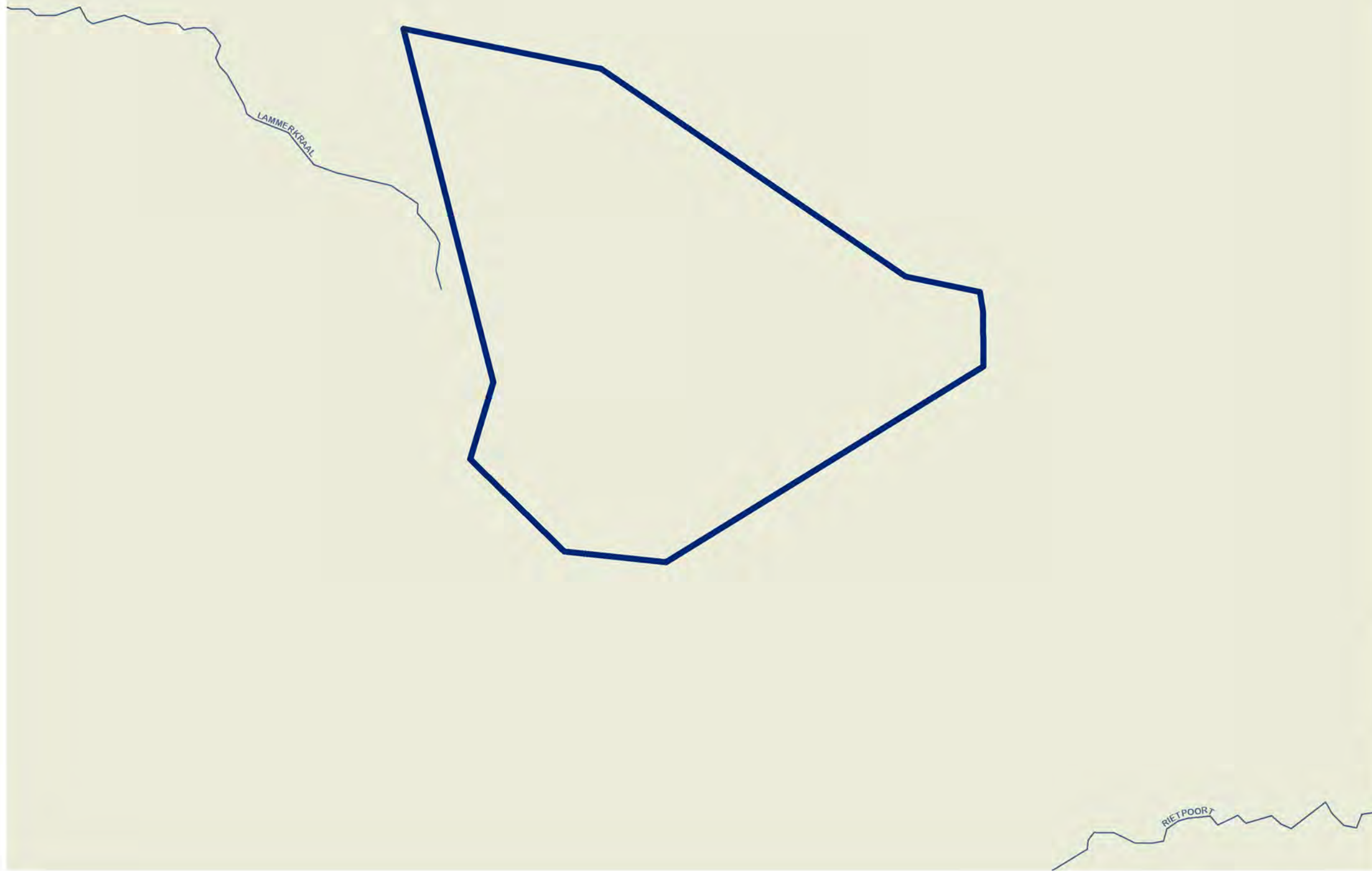
**PROPOSED
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FACILITY**
**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**
VEGETATION CLASSIFICATION

Legend

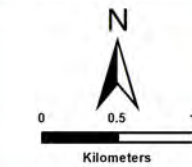
-  Rivers
-  Koupi 2 WEF Application Site

Vegetation Classification

-  Gamka Karoo



SOURCE:
NFEPA, 2011
SANBI, 2018



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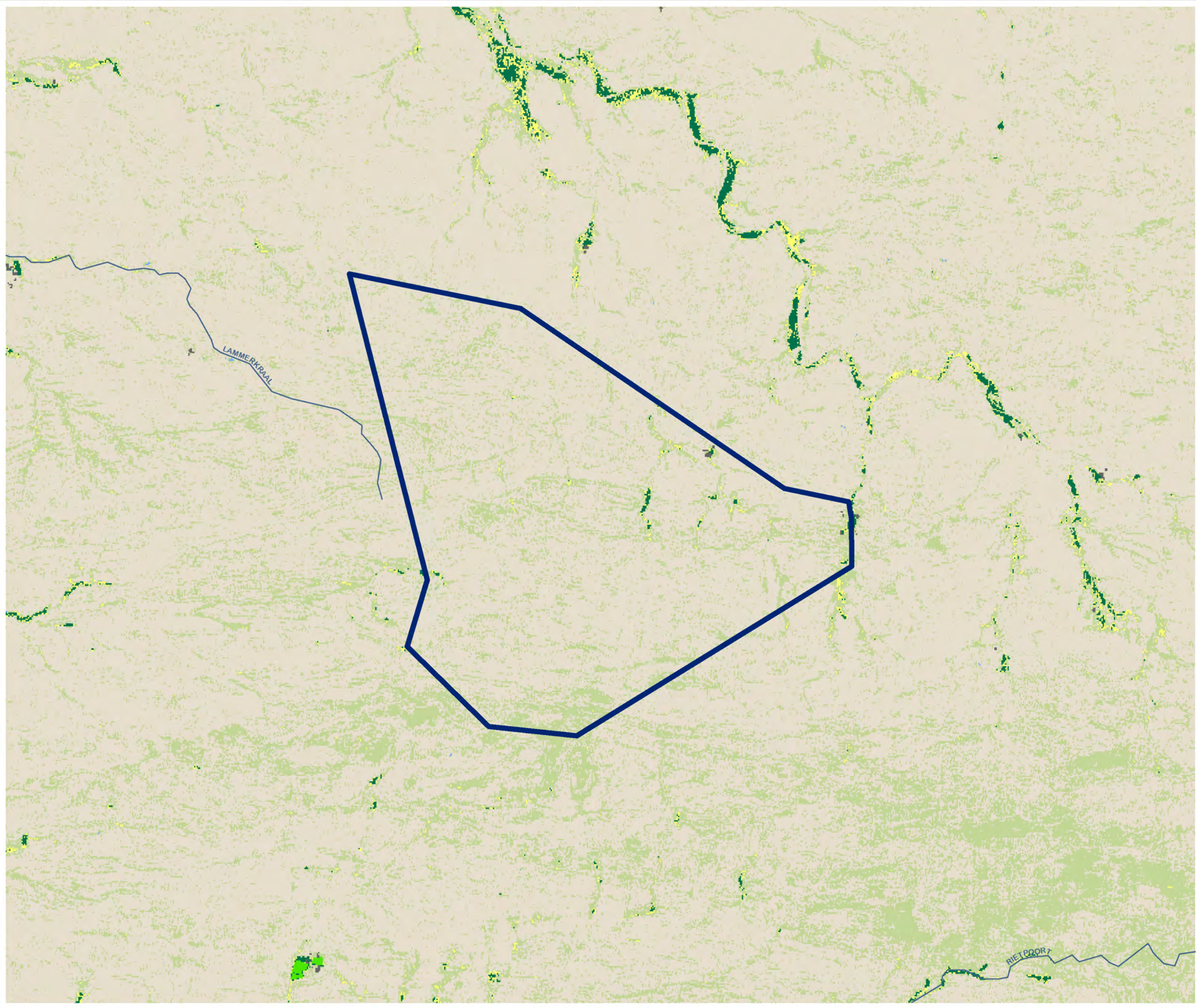
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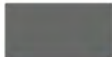


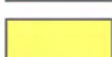

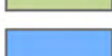
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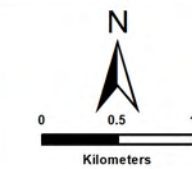
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FACILITY**
**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**
**BROAD LAND COVER
CLASSIFICATION**



Legend

-  Rivers
-  Koupi 2 WEF Application Site
- Land Cover Classification**
-  Bare / Barren Land
-  Built-Up Areas
-  Cultivated Land
-  Forested Land
-  Grassland
-  Shrubland
-  Wetlands / Waterbodies

SOURCE:
NFEPA, 2011
2018 SA NATIONAL LAND COVER
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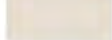
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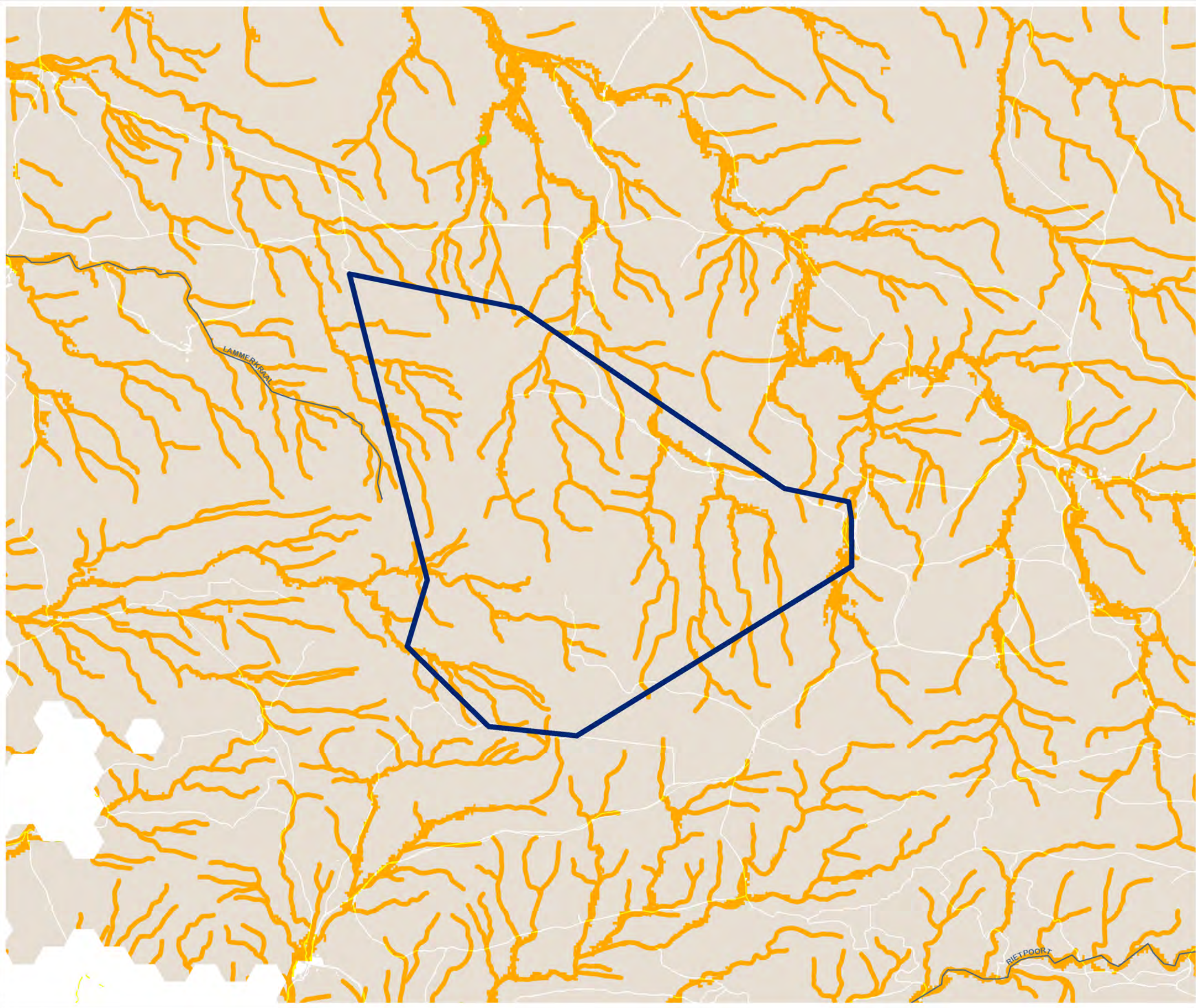
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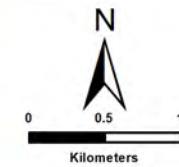
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FACILITY**
**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**
**CRITICAL BIODIVERSITY
AREAS**

Legend

-  Rivers
-  Koupi 2 WEF Application Site
- CBA Classification**
-  CBA 1
-  ESA 1
-  ESA 2
-  Other Natural Areas



SOURCE:
NFPA, 2011
WESTERN CAPE BIODIVERSITY SPATIAL PLAN, 2017



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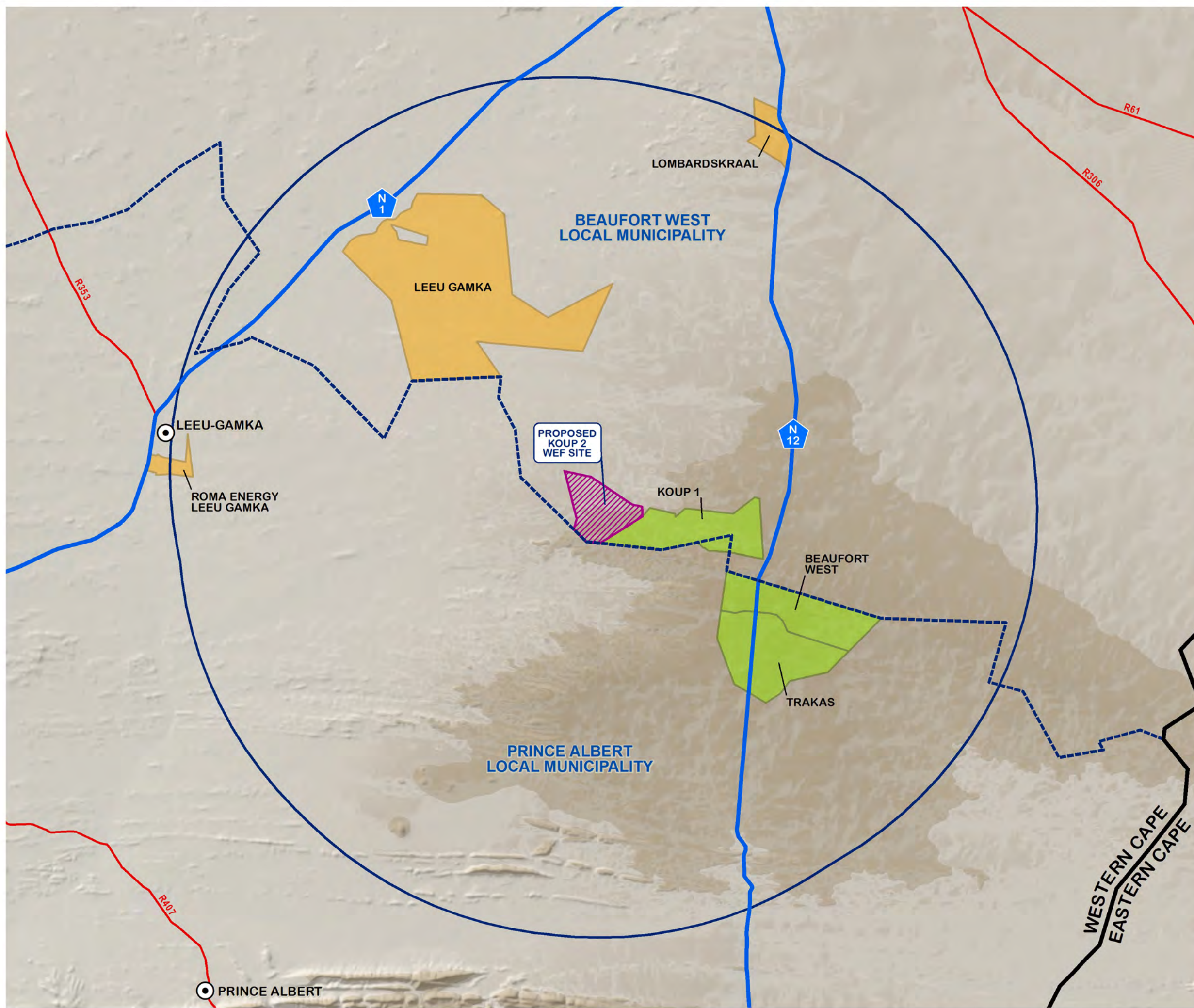
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**PROPOSED
CONSTRUCTION OF THE
KOUPI 2 WIND ENERGY
FACILITY**
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
RENEWABLE ENERGY PROJECTS
(EXISTING AND PROPOSED)



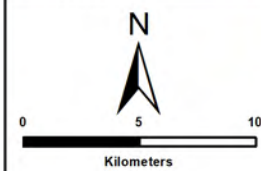
Legend

- Main Towns
- Provincial Boundary
- Local Municipal Boundaries
- National Routes
- Main Arterial Routes
- Koupi 2 WEF Application Site
- 35km Radius

Renewable Energy Application Sites

- Solar
- Wind

SOURCE:
DEFF, 2020
MUNICIPAL DEMARCATION BOARD, 2016
NGI, 2014



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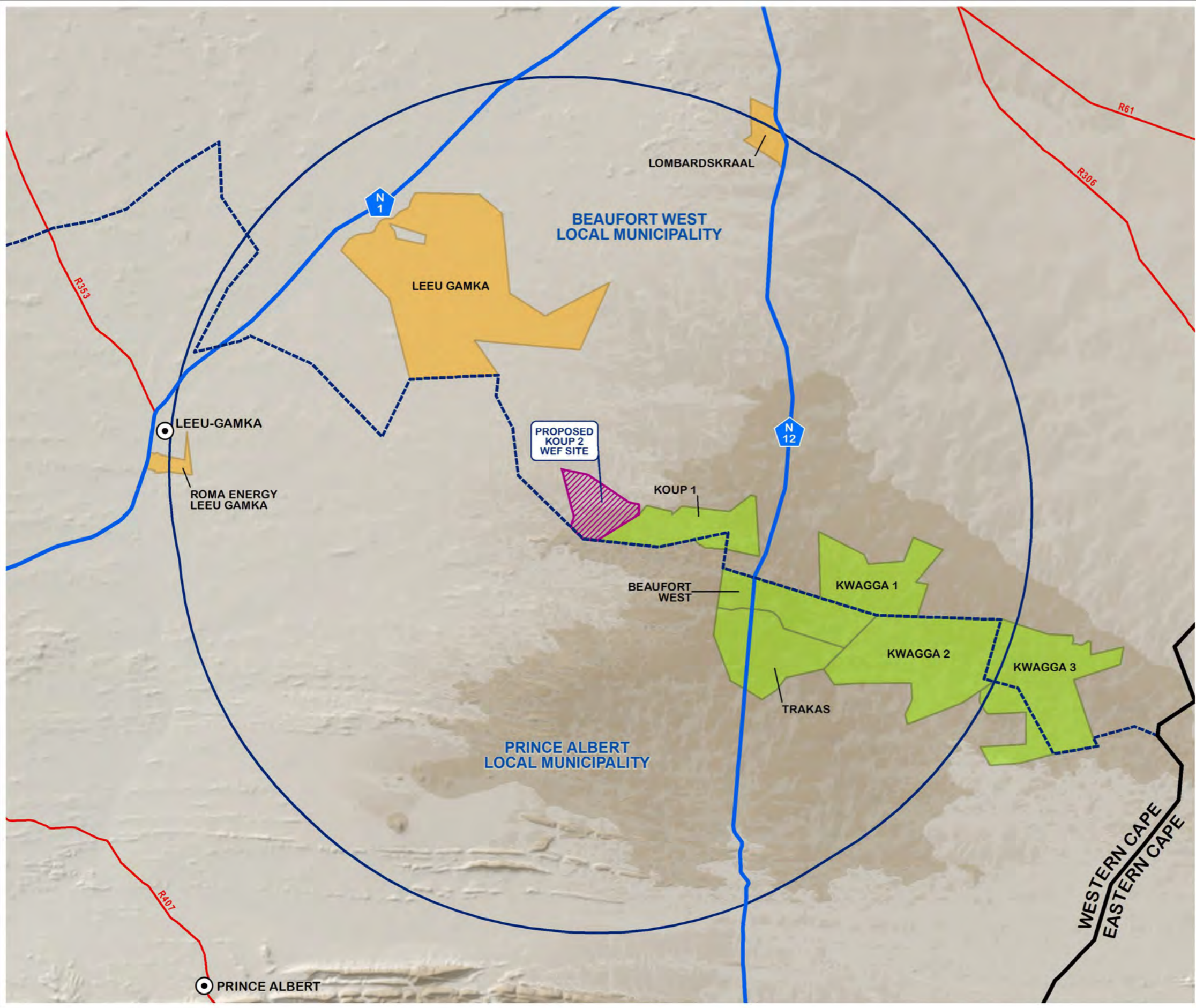
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WESTERN CAPE
EASTERN CAPE

**PROPOSED
CONSTRUCTION OF THE
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FACILITY**
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
RENEWABLE ENERGY PROJECTS
(EXISTING AND PROPOSED)



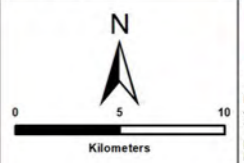
Legend

- Main Towns
- Provincial Boundary
- Local Municipal Boundaries
- National Routes
- Main Arterial Routes
- Koup 2 WEF Application Site
- 35km Radius

Renewable Energy Application Sites

- Solar
- Wind

SOURCE:
DEFF, 2020
MUNICIPAL DEMARCATION BOARD, 2016
NGI, 2014



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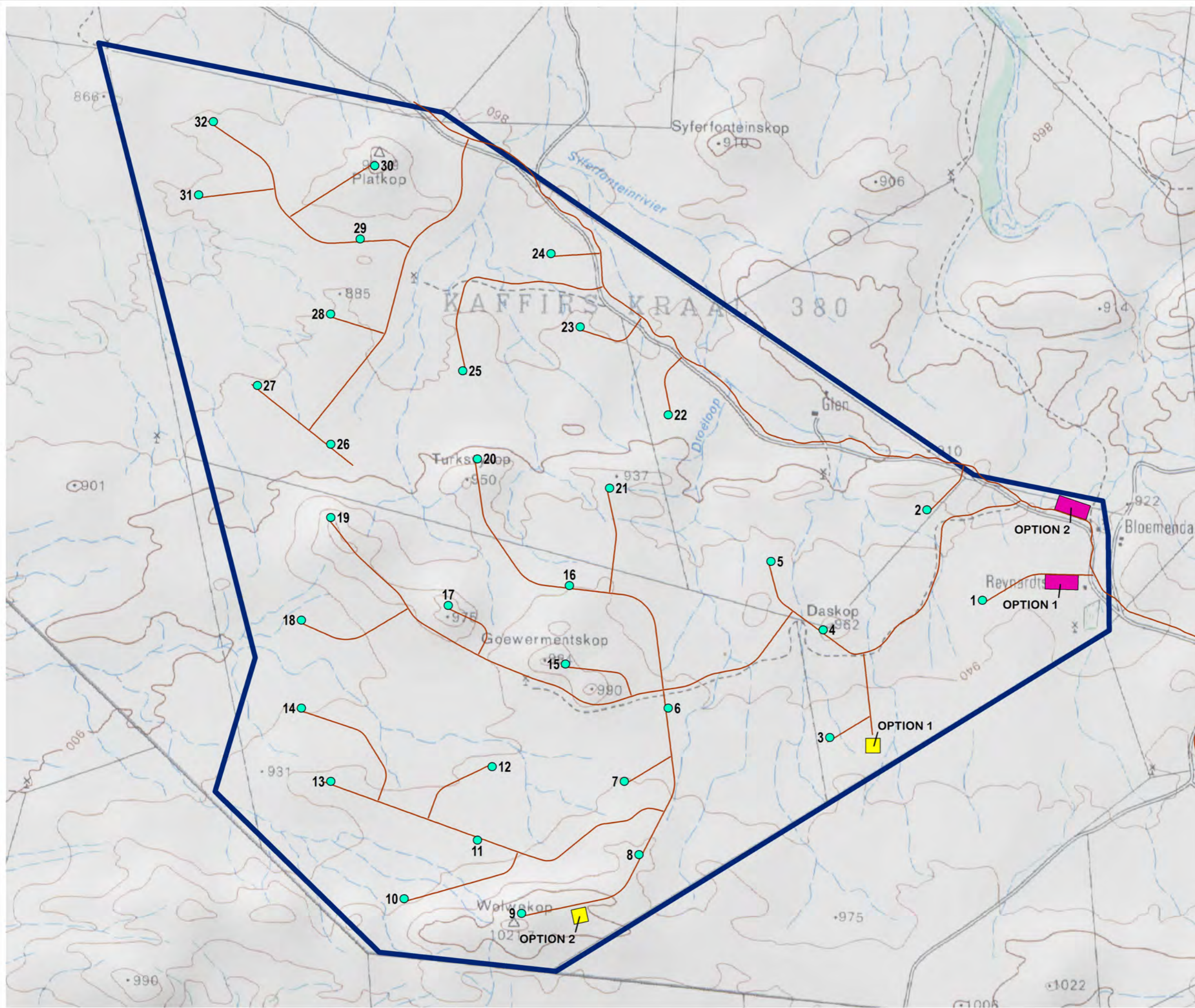
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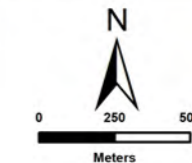
**PROPOSED
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FACILITY**
**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**
PRELIMINARY LAYOUT

Legend

-  Local Access
-  Koupi 2 WEF Application
- Proposed WEF Components**
-  Turbine Positions
-  Substation Site Alternatives
-  Construction Laydown Area Site Alternatives
-  Internal Road Network



SOURCE:
NGI, 2014



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