











Appendix 2





Maps

**PROPOSED
CONSTRUCTION OF THE
KOUPI WIND ENERGY
FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
SITE LOCALITY**

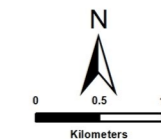
Legend

-  National Routes
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Koupi WEF Application Site (S32° 51.579' E22° 28.901')
- Proposed WEF Components**
-  Turbine Positions
-  Substation Site Alternatives
-  Construction Laydown Area Site Alternatives
-  Internal Road Network

CBA Classification

-  CBA 1
-  ESA 1
-  ESA 2
-  Other Natural Areas

SOURCE:
ESKOM, 2012
NGL, 2014
WESTERN CAPE BIODIVERSITY SPATIAL PLAN, 2017



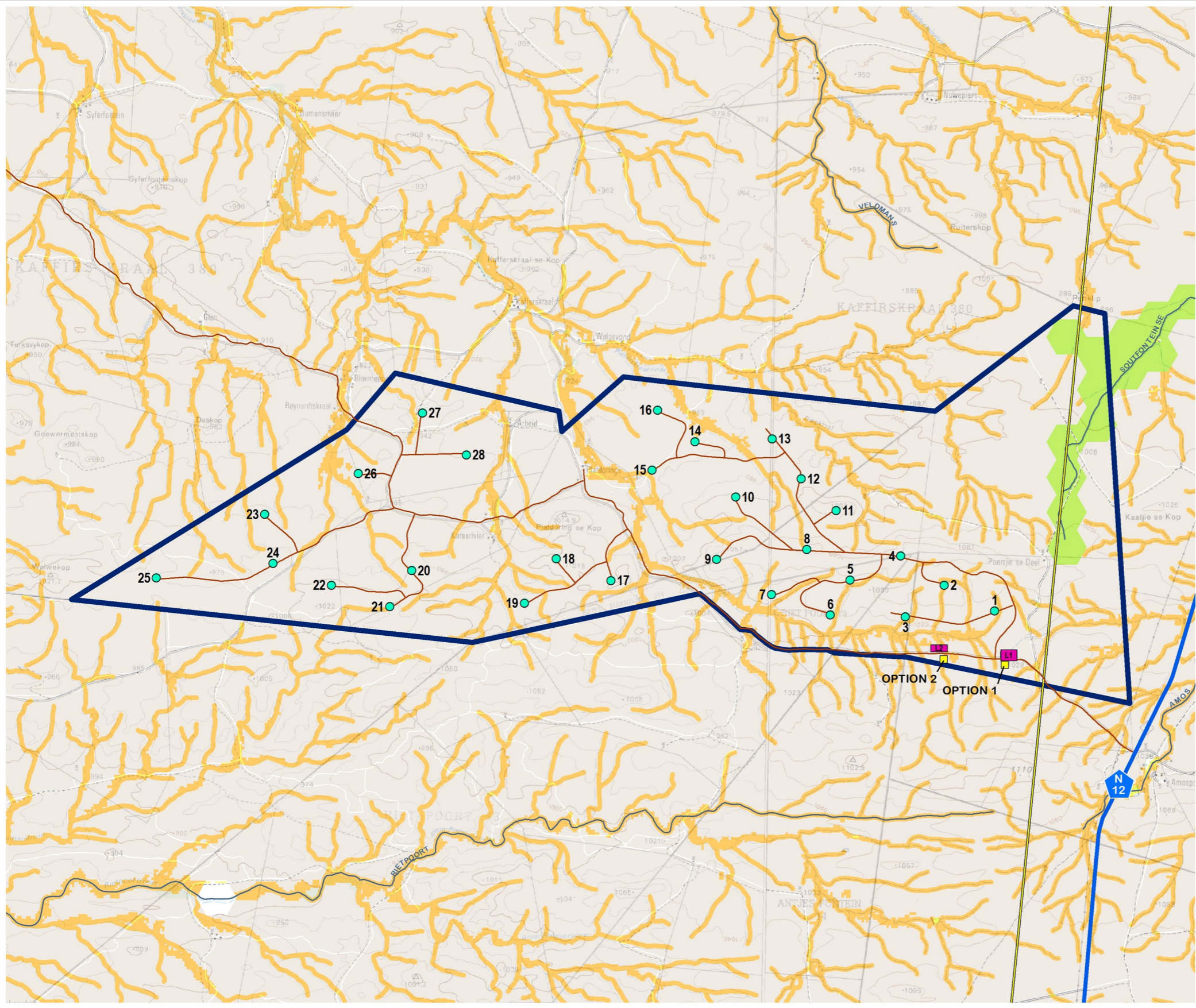
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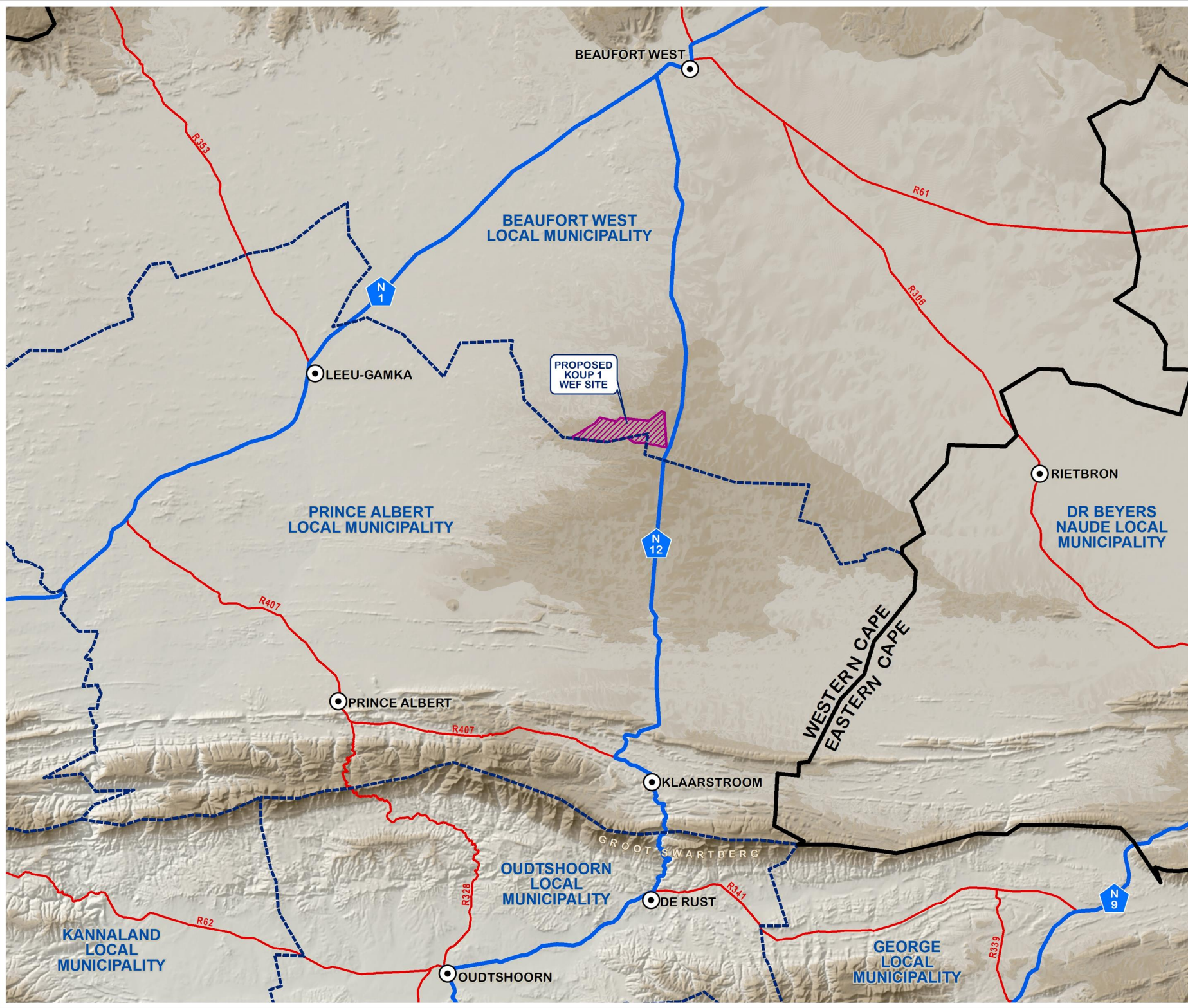
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PROPOSED CONSTRUCTION OF THE KOUPI 1 WIND ENERGY FACILITY NEAR BEAUFORT WEST, WESTERN CAPE PROVINCE REGIONAL CONTEXT


Legend

-  Main Towns
-  Provincial Boundary
-  Local Municipal Boundaries
-  National Routes
-  Main Arterial Routes
-  Koup 1 WEF Application Site




SOURCE:
MUNICIPAL DEMARCATION BOARD, 2016
NGI, 2014





0 7.5 15
Kilometers









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


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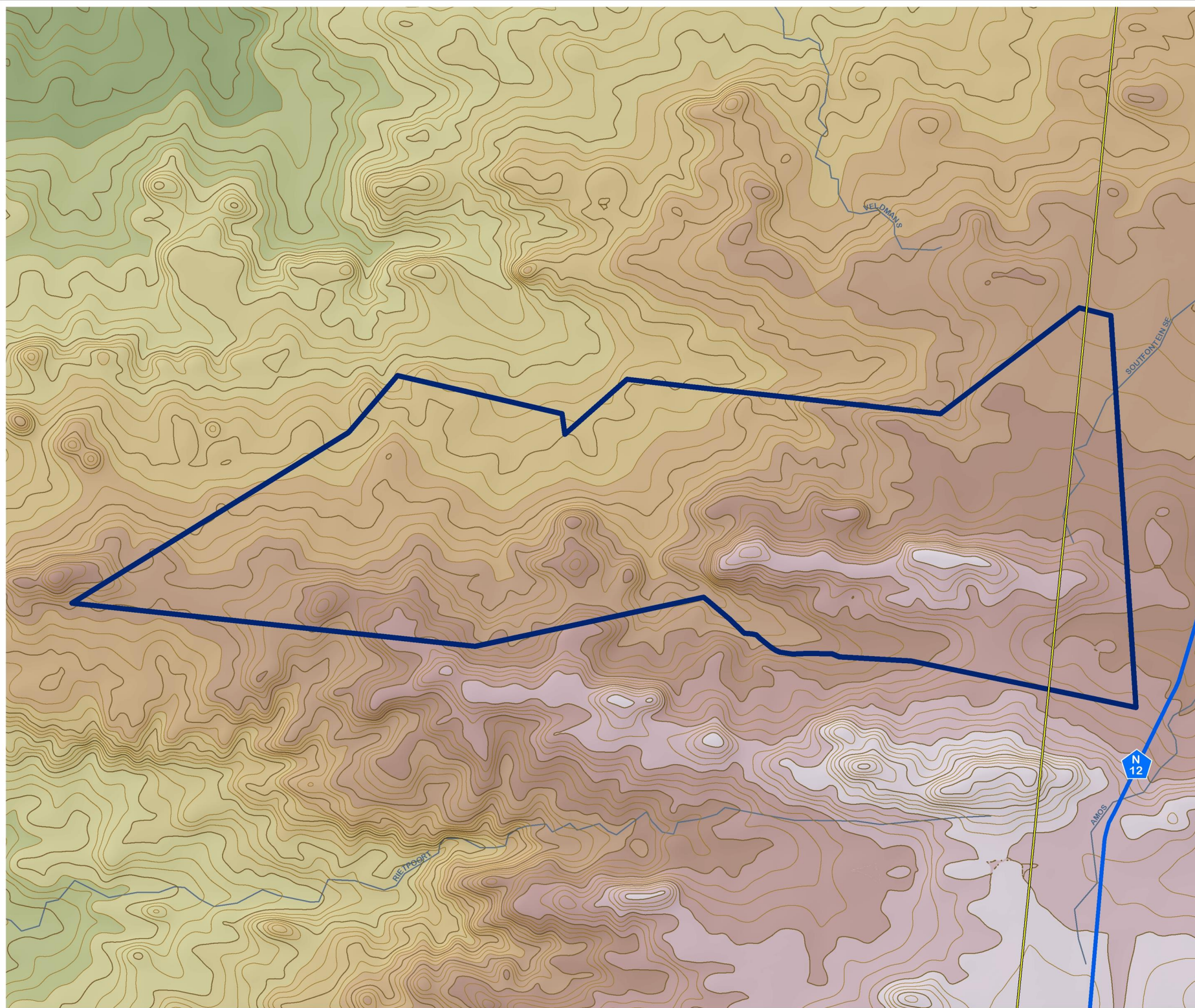
**PROPOSED
CONSTRUCTION OF THE
KOUPI 1 WIND ENERGY
FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
TOPOGRAPHY**

Legend

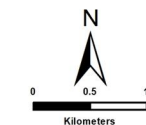
-  National Routes
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Contours (20m Interval)
-  Contours (5m Interval)
-  Koupi 1 WEF Application Site

Elevation (msl)

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



SOURCE:
ESKOM, 2012
NFEPA, 2011
NGI, 2014



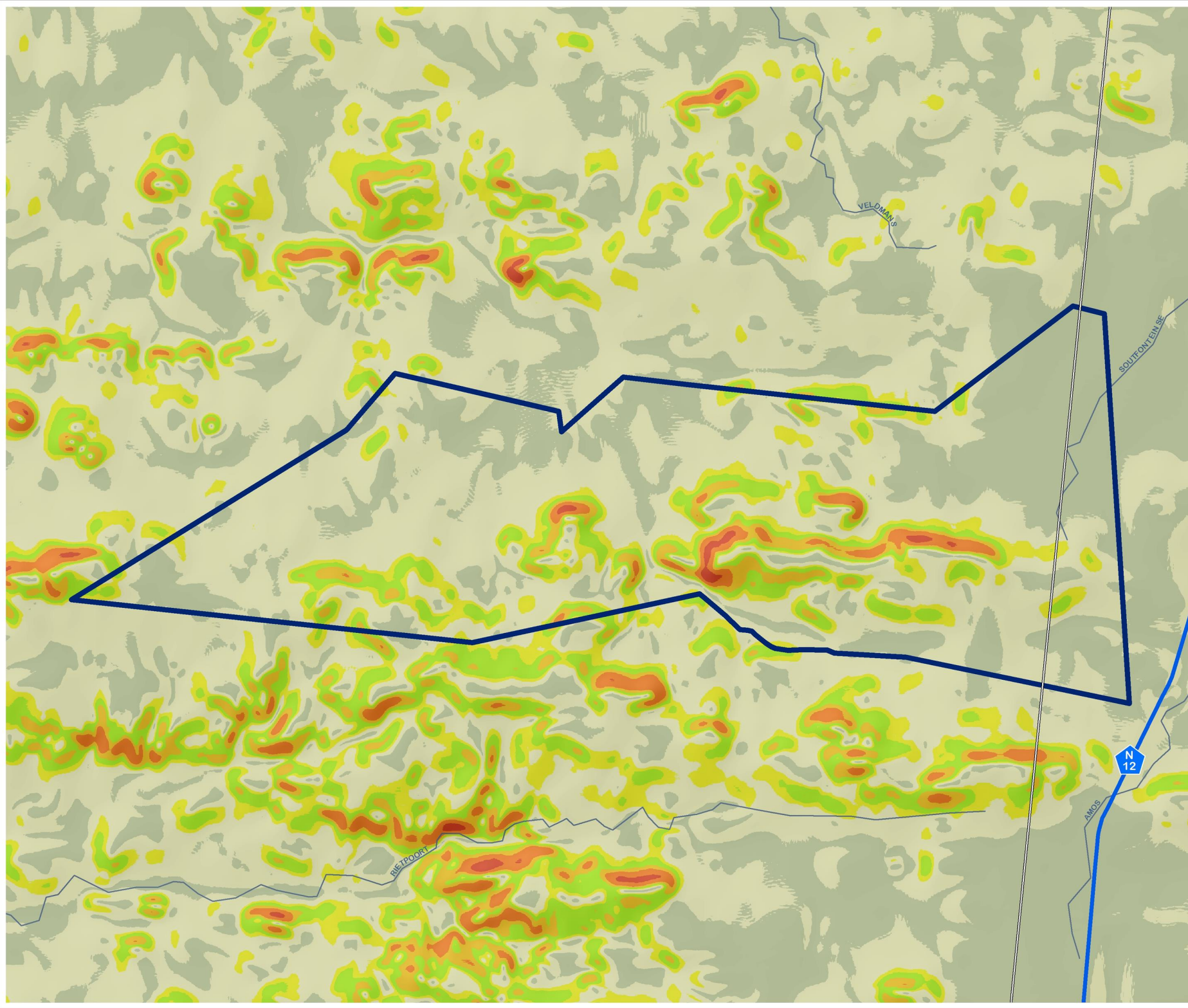
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**PROPOSED
CONSTRUCTION OF THE
KOUPI 1 WIND ENERGY
FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
SLOPE CLASSIFICATION**



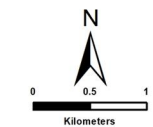
Legend

-  National Routes
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Koupi 1 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:
ESKOM, 2012
NFEPA, 2011
NGI, 2014



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
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Map Ref No 16017/K1_WS04	Revision 0	Date

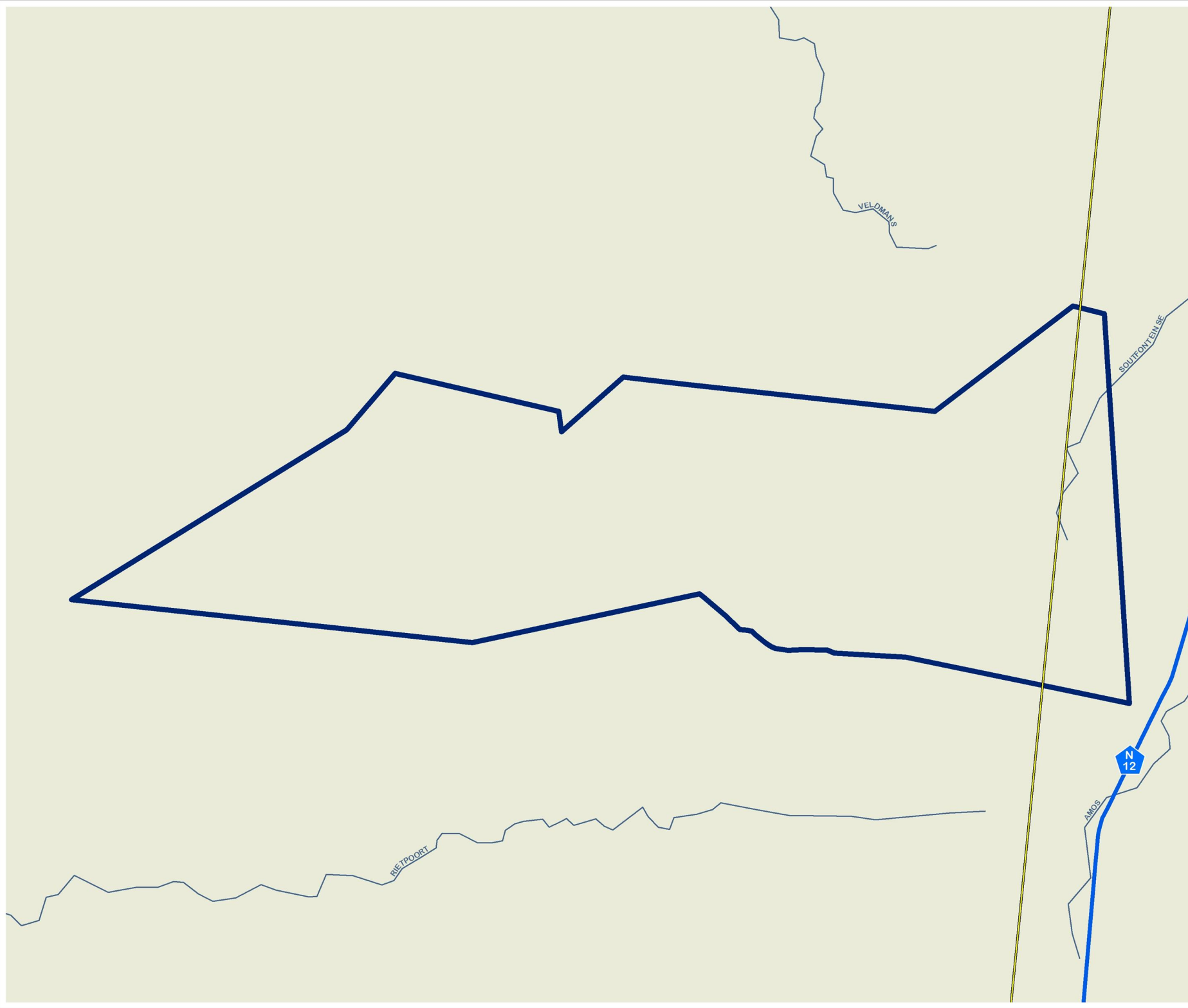
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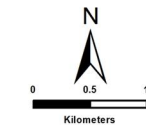
**PROPOSED
CONSTRUCTION OF THE
KOUPI 1 WIND ENERGY
FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
VEGETATION CLASSIFICATION**

Legend

-  National Routes
 -  Existing High Voltage Power Lines (400kV)
 -  Rivers
 -  Koupi 1 WEF Application Site
- Vegetation Classification**
-  Gamka Karoo



SOURCE:
ESKOM, 2012
NFEPA, 2011
SANBI, 2018



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






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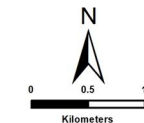
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**PROPOSED
CONSTRUCTION OF THE
KOUPI 1 WIND ENERGY
FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
BROAD LAND COVER
CLASSIFICATION**

Legend

-  National Routes
 -  Existing High Voltage Power Lines (400kV)
 -  Rivers
 -  Koupi 1 WEF Application Site
- Land Cover Classification**
-  Bare / Barren Land
 -  Built-Up Areas
 -  Cultivated Land
 -  Forested Land
 -  Grassland
 -  Shrubland
 -  Wetlands / Waterbodies

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

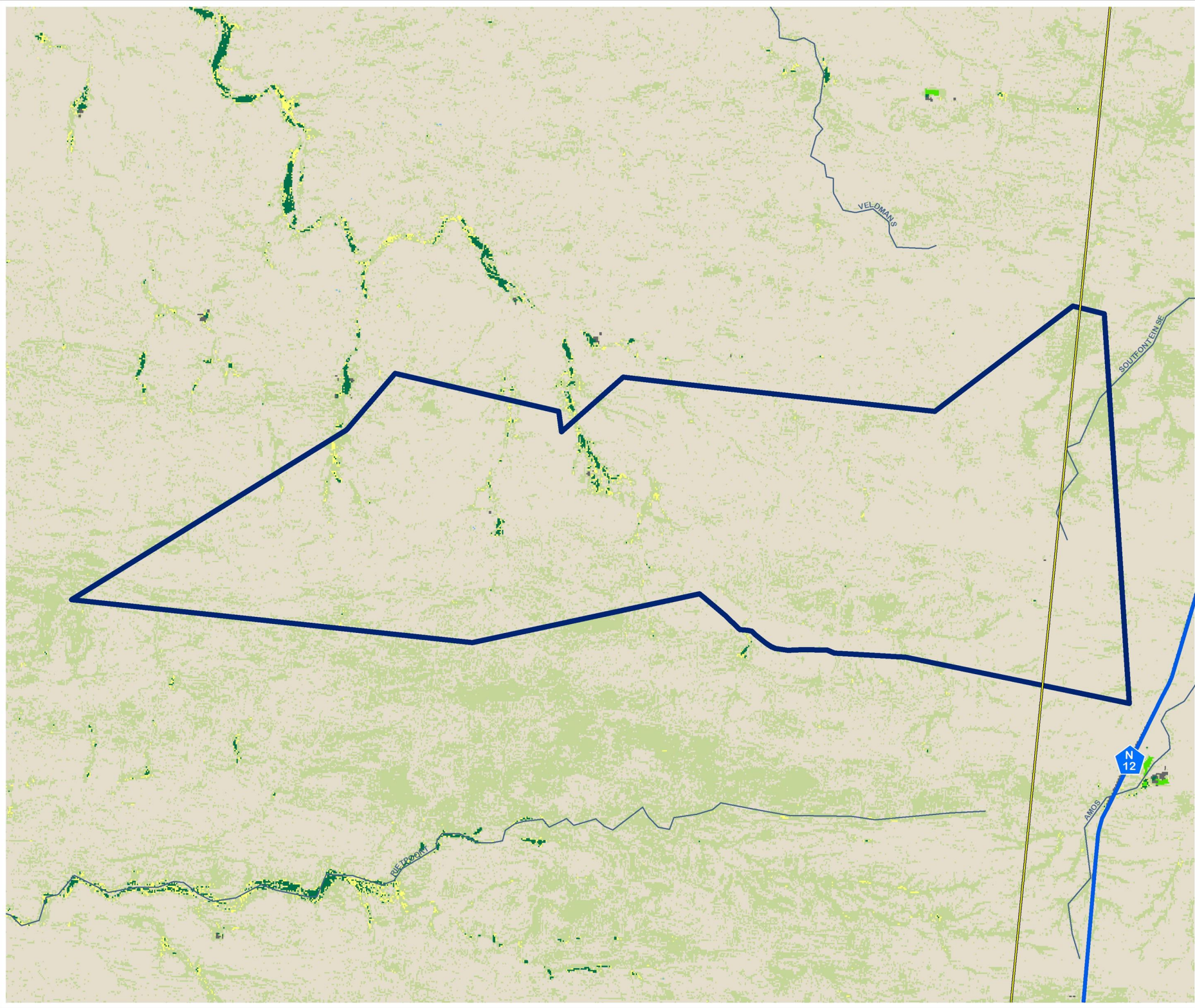


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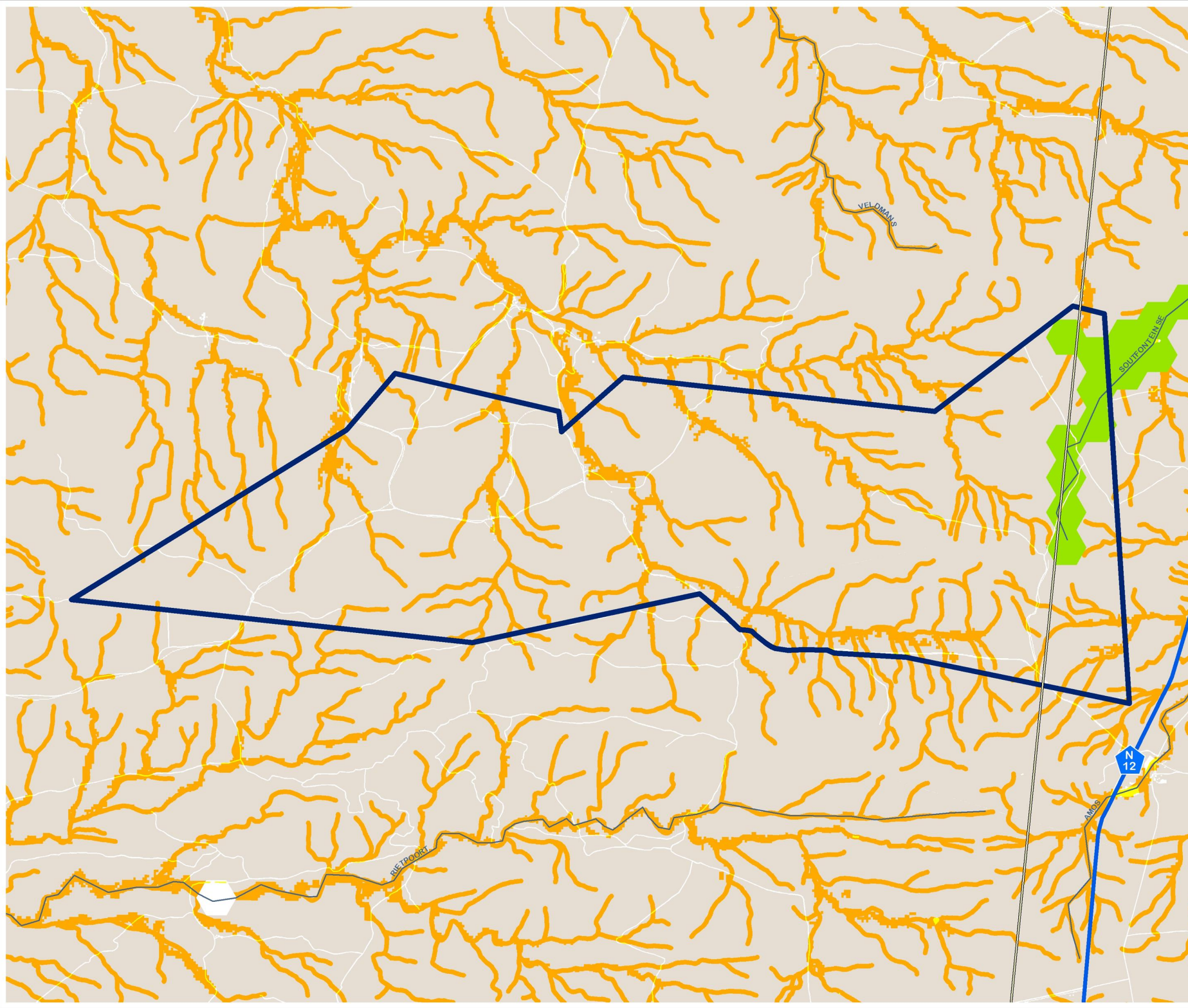
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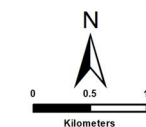
**PROPOSED
CONSTRUCTION OF THE
KOUPI 1 WIND ENERGY
FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
CRITICAL BIODIVERSITY
AREAS**

Legend

-  National Routes
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Koupi 1 WEF Application Site
- CBA Classification**
-  CBA 1
-  ESA 1
-  ESA 2
-  Other Natural Areas



SOURCE:
ESKOM, 2012
NFEPA, 2011
WESTERN CAPE BIODIVERSITY SPATIAL PLAN, 2017



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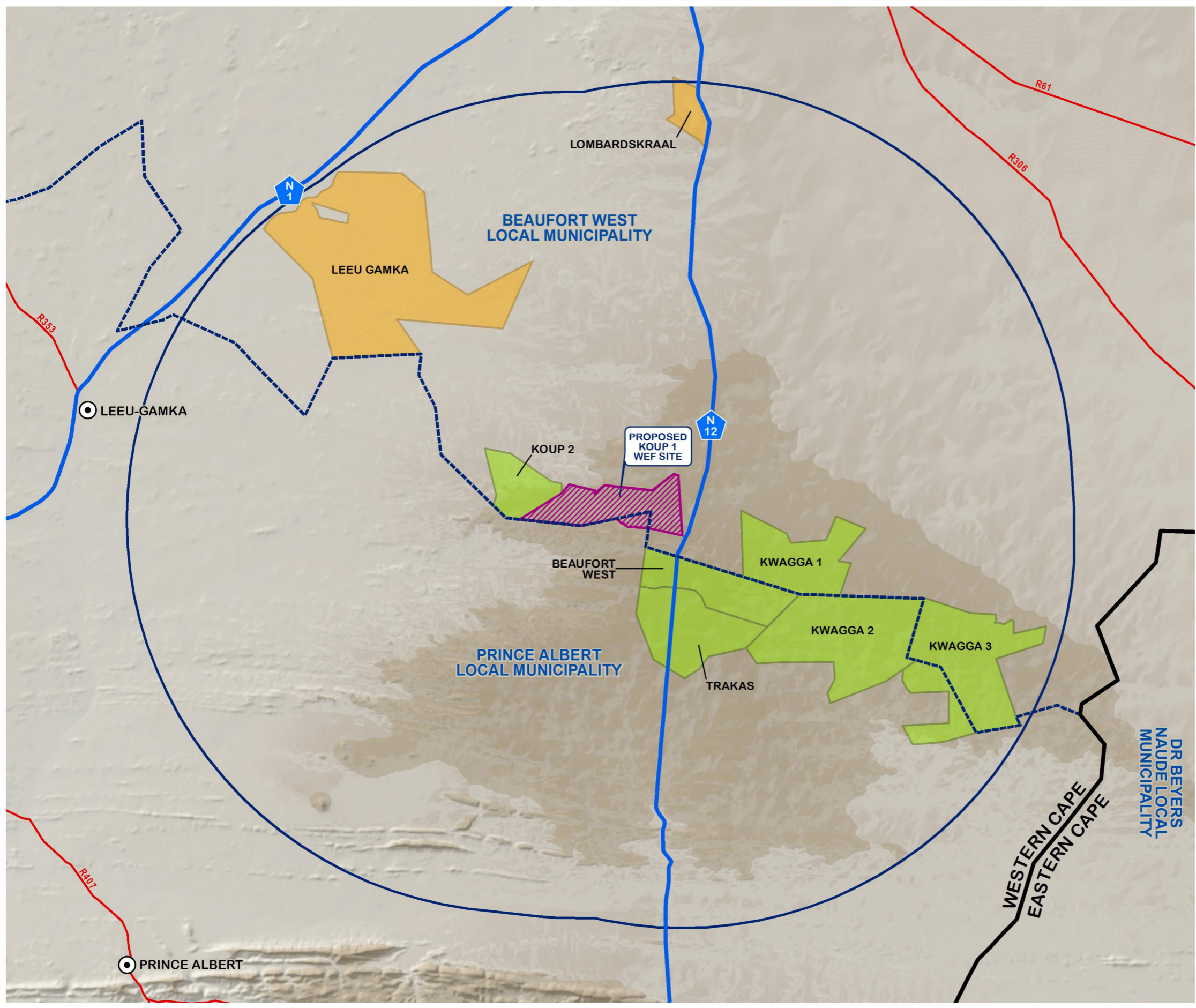
**PROPOSED
CONSTRUCTION OF THE
KOUPI 1 WIND ENERGY
FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
RENEWABLE ENERGY PROJECTS
(EXISTING AND PROPOSED)**

Legend

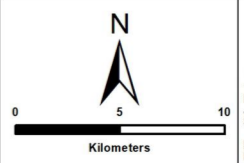
-  Main Towns
-  Provincial Boundary
-  Local Municipal Boundaries
-  National Routes
-  Main Arterial Routes
-  Koup 1 WEF Application Site
-  35km Radius

Renewable Energy Application Sites

-  Solar
-  Wind



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



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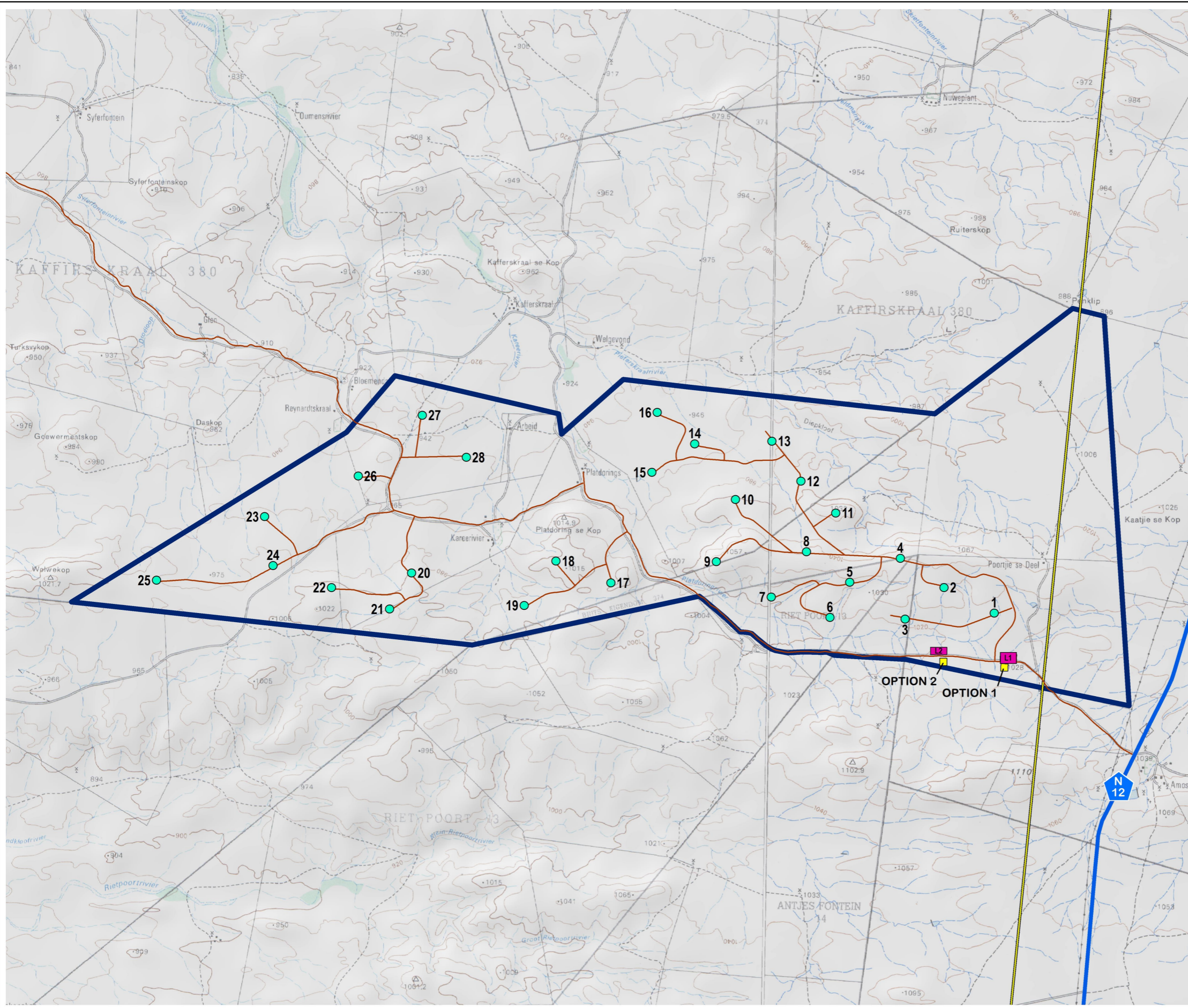
PROPOSED CONSTRUCTION OF THE KOUPI 1 WIND ENERGY FACILITY

NEAR BEAUFORT WEST, WESTERN CAPE PROVINCE

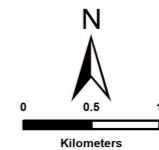
PRELIMINARY LAYOUT

Legend

-  National Routes
-  Existing High Voltage Power Lines (400kV)
-  Koupi 1 WEF Application Site
- Proposed WEF Components**
-  Turbine Positions
-  Substation Site Alternatives
-  Construction Laydown Area Site Alternatives
-  Internal Road Network



SOURCE:
ESKOM, 2012
NGI, 2014



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