











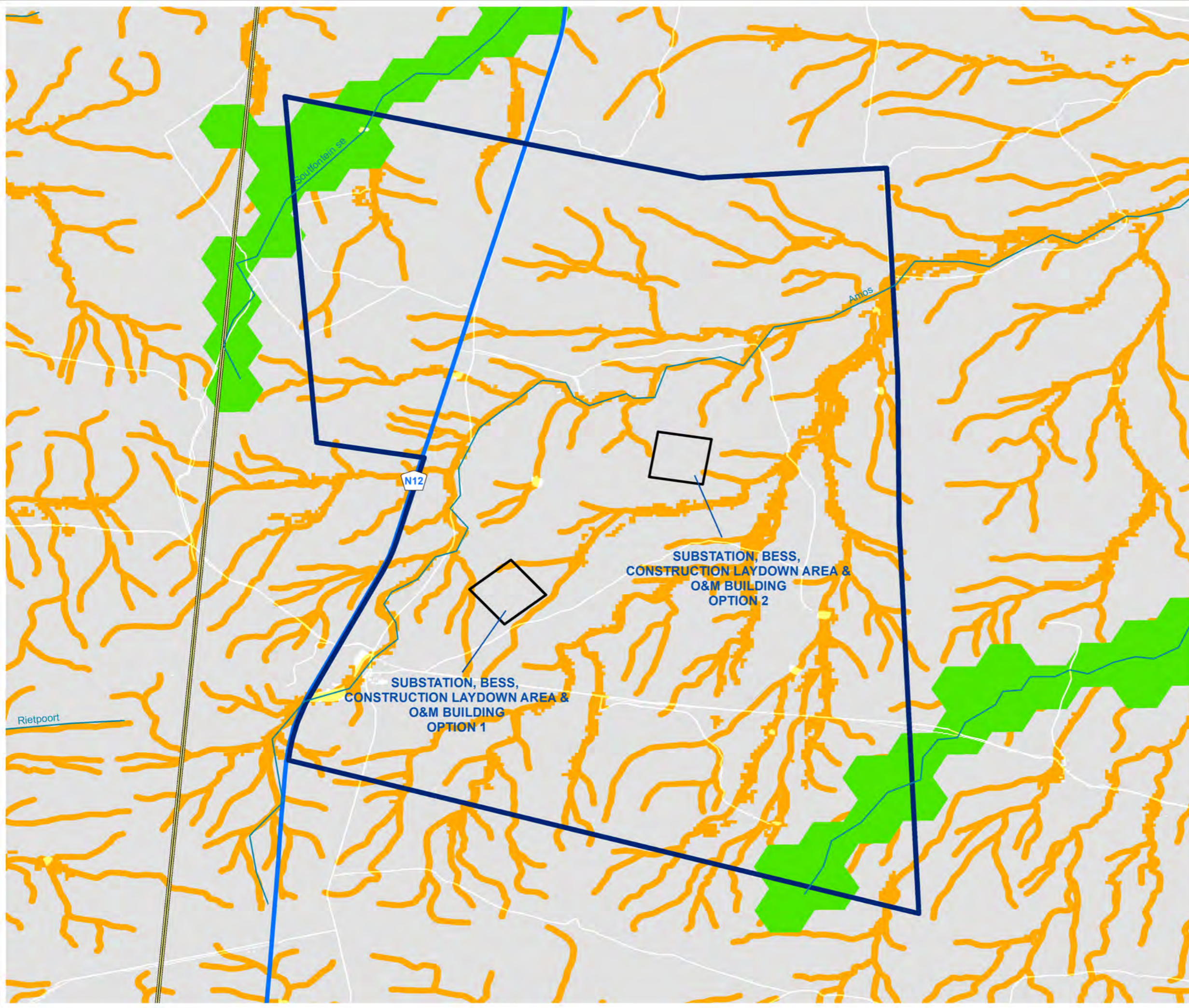
**PROPOSED
CONSTRUCTION OF THE
KRAALTJIES WIND
ENERGY FACILITY**
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
CRITICAL BIODIVERSITY AREAS

Legend

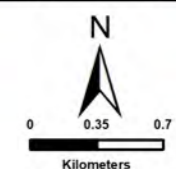
-  National Route (N12)
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Proposed Substations, BESS, Construction Laydown Areas & O&M Buildings
-  Kraaltjies WEF Application Site

CBA Classification

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



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



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Map Ref No 16170	Revision 0	Date

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






Legend

-  National Route (N12)
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Kraaltjies WEF Application Site

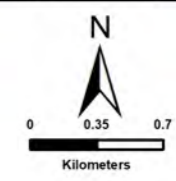
Proposed WEF Components

-  Proposed Turbine Locations
-  Internal Road Network
-  Guard House
-  Proposed Substations, BESS, Construction Laydown Areas & O&M Buildings

CBA Classification

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

Source:
 Eskom, 2012
 NFEPA, 2011
 Western Cape Biodiversity Spatial Plan, 2017

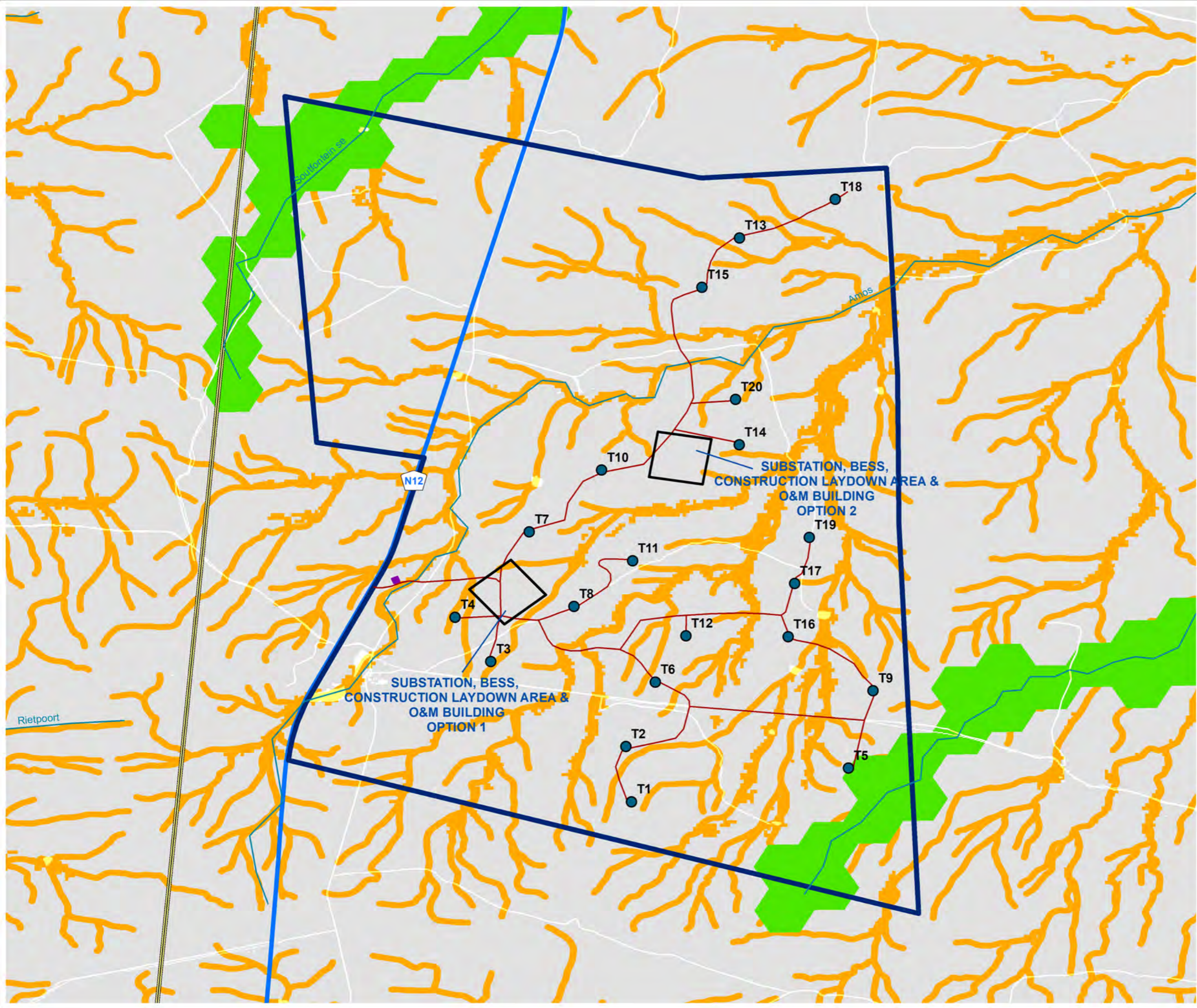


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







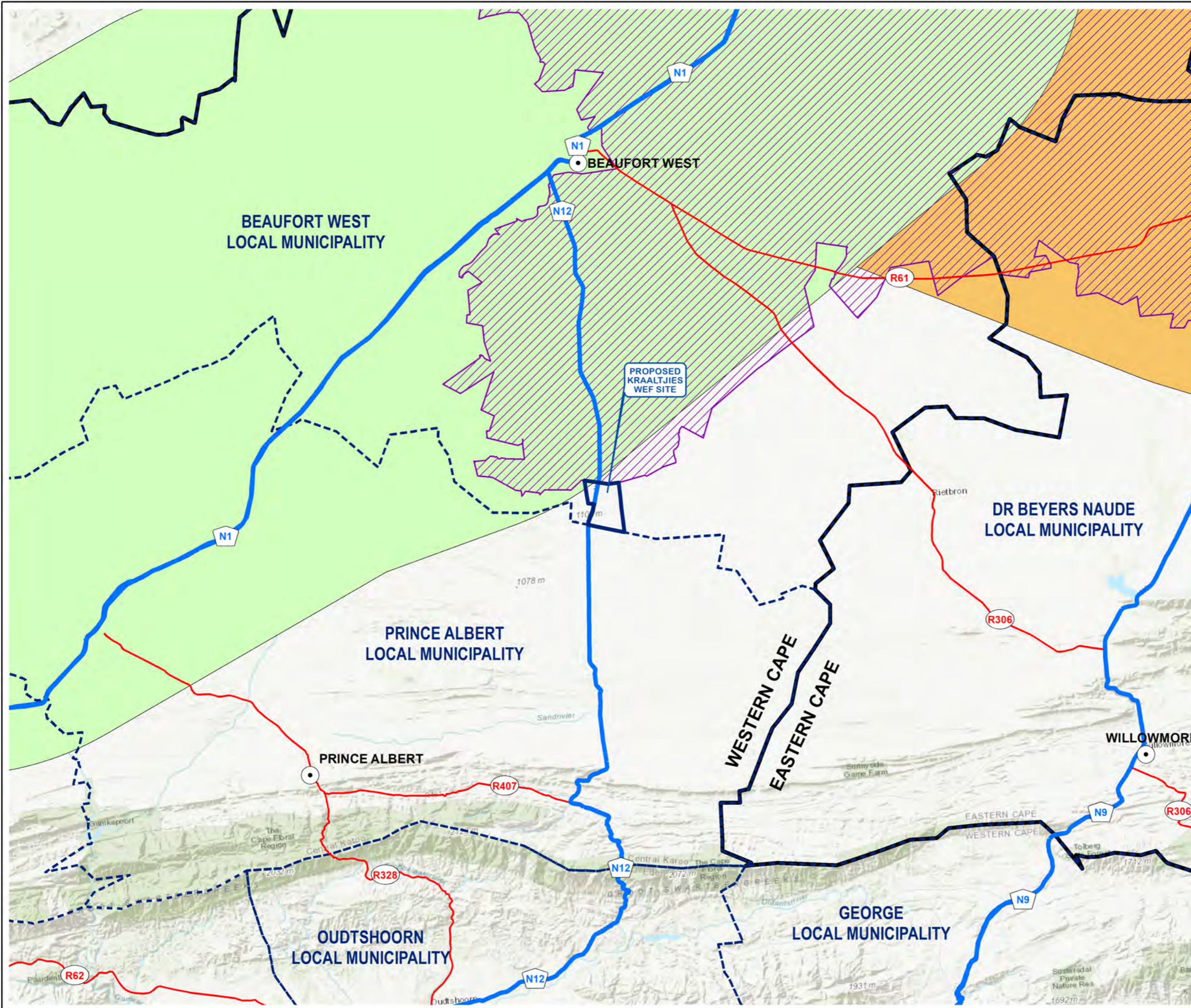
**PROPOSED
CONSTRUCTION OF THE
KRAALTJIES WIND
ENERGY FACILITY**

**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**

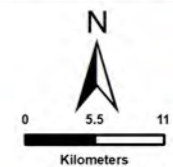
EGI & REDZ

Legend

-  Main Towns
-  Main Arterial Routes
-  National Routes
-  Provincial Boundary
-  Local Municipal Boundaries
-  Central Corridor
-  Eastern Corridor
-  REDZ11 Beaufort West
-  Kraaltjies WEF Application Site



Source:
NGI, 2014
DFFE, 2023
MUNICIPAL DEMARCATION BOARD, 2016



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



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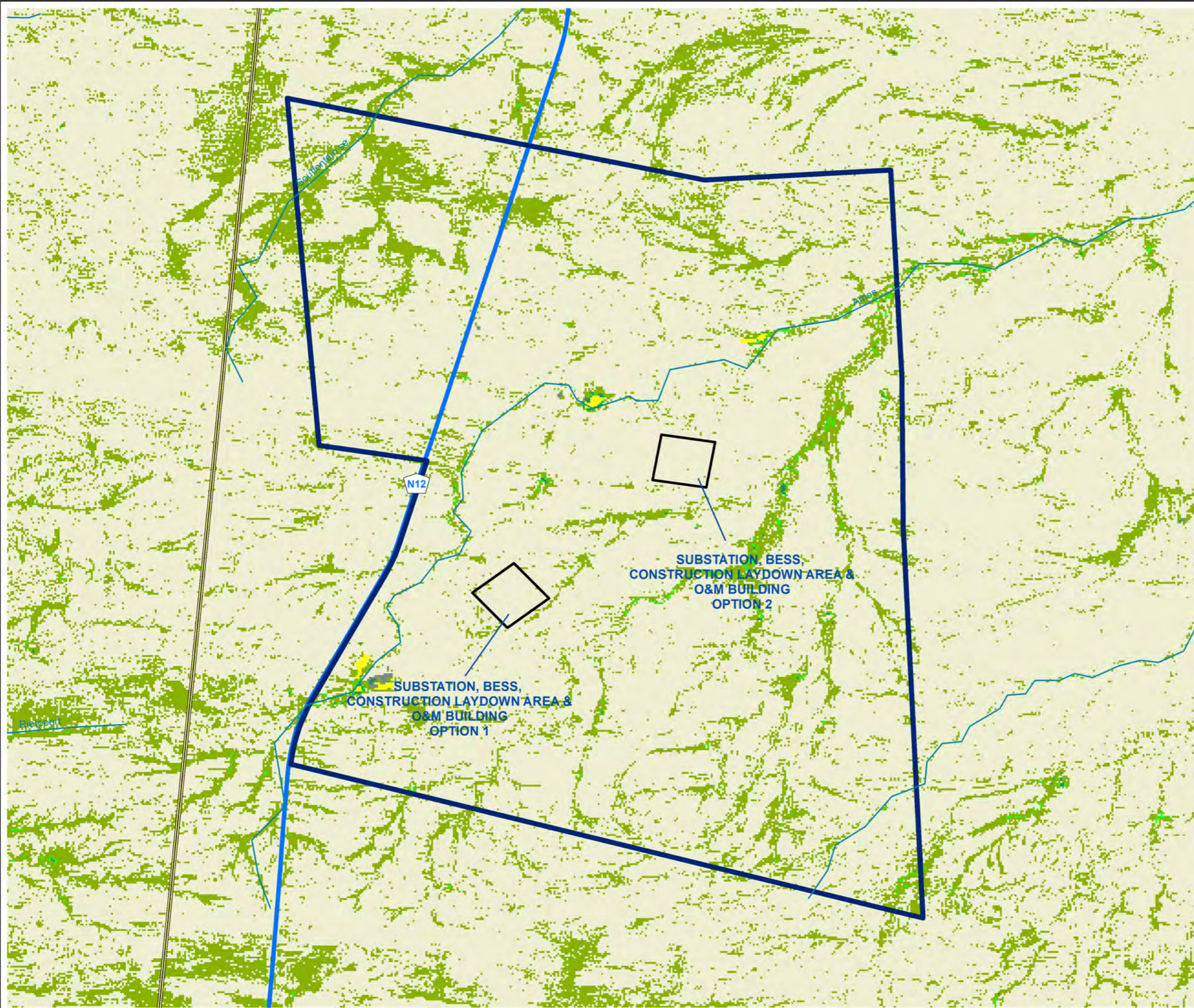
**PROPOSED
CONSTRUCTION OF THE
KRAALTJIES WIND
ENERGY FACILITY
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
BROAD LAND COVER
CLASSIFICATION**

Legend

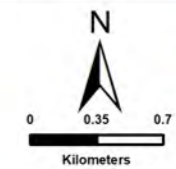
-  National Route (N12)
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Proposed Substations, BESS, Construction Laydown Areas & O&M Buildings
-  Kraaltjies WEF Application Site

Land Cover Classification

-  Barren Land
-  Built-Up Areas
-  Cultivated Land
-  Forested Land
-  Grassland
-  Shrubland
-  Wetlands / Waterbodies



Source:
ESKOM, 2012
NFEPA, 2011
SANBI, 2018



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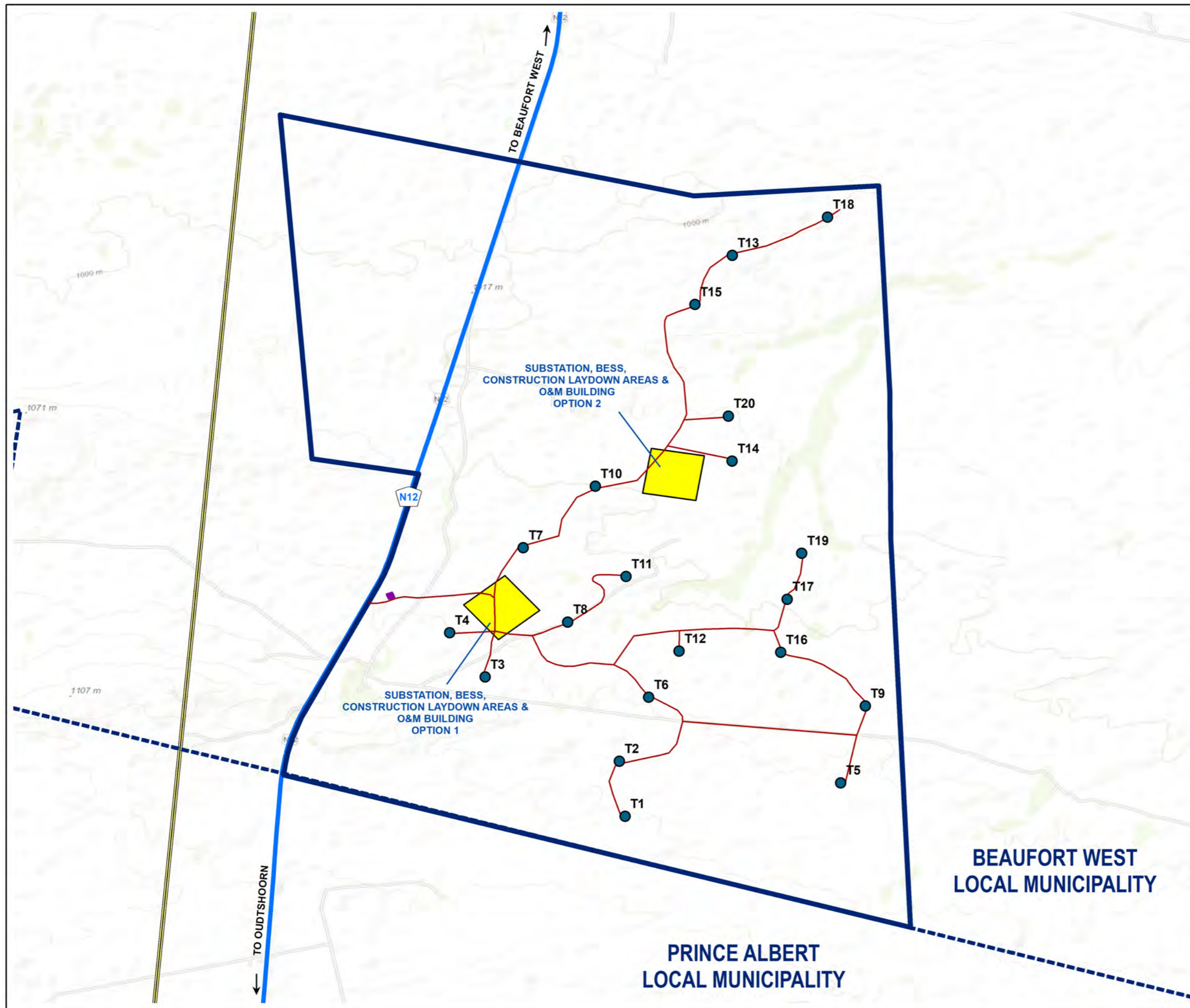
**PROPOSED
CONSTRUCTION OF THE
KRAALTJIES WIND
ENERGY FACILITY**
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
PROPOSED LAYOUT

Legend

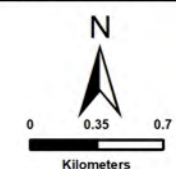
-  National Route (N12)
-  Existing High Voltage Power Lines (400kV)
-  Local Municipal Boundaries
-  Kraaltjies WEF Application Site

Proposed WEF Components

-  Proposed Turbine Locations
-  Internal Road Network
-  Guard House
-  Proposed Substations, BESS, Construction Laydown Areas & O&M Buildings Areas



Source:
NGI, 2014
ESKOM, 2012
MUNICIPAL DEMARCATION BOARD, 2016



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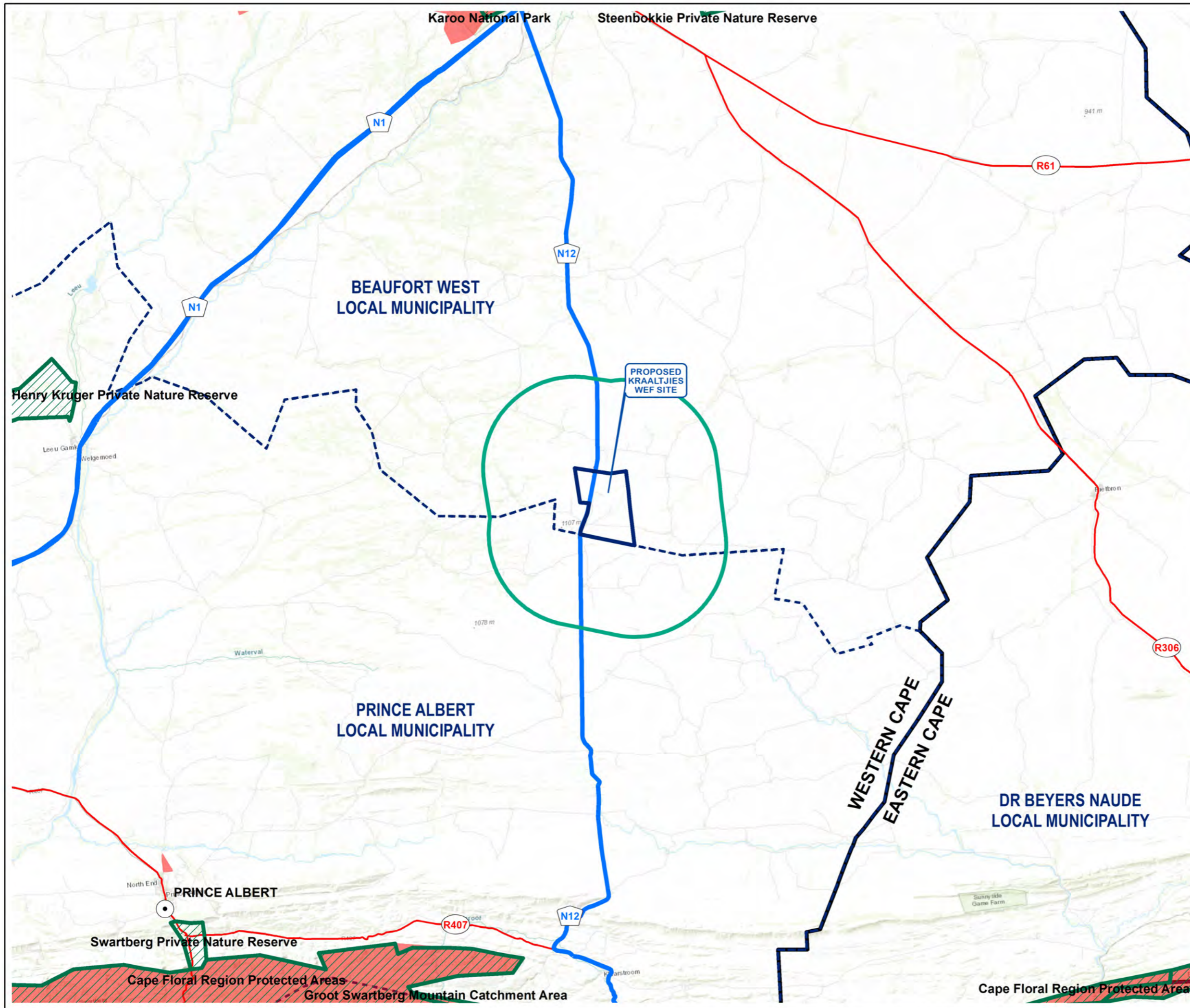
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**BEAUFORT WEST
LOCAL MUNICIPALITY**

**PRINCE ALBERT
LOCAL MUNICIPALITY**



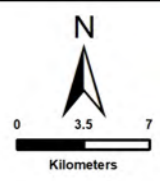
**PROPOSED
CONSTRUCTION OF THE
KRAALTJIES WIND
ENERGY FACILITY**

**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**

PROTECTED AREAS

- Legend**
- Main Towns
 - Main Arterial Routes
 - National Routes
 - ▭ Provincial Boundary
 - - - Local Municipal Boundaries
 - ▨ Protected Areas
 - NPAES
 - 10km Radius
 - ▭ Kraaltjies WEF Application Site

Source:
NGI, 2014
DFFE, 2023
MUNICIPAL DEMARCATION BOARD, 2016



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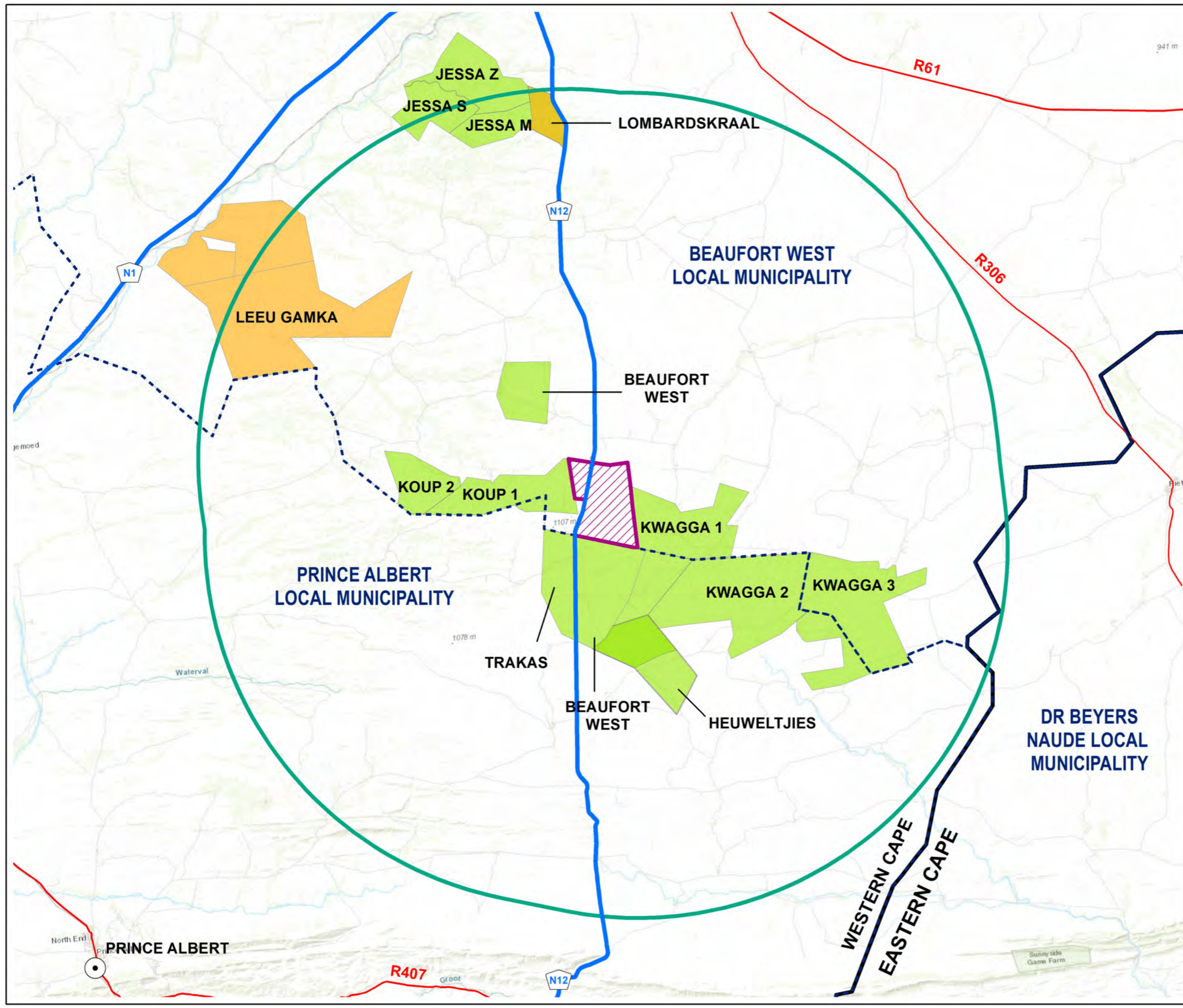
**PROPOSED
CONSTRUCTION OF THE
KRAALTJIES WIND
ENERGY FACILITY**
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
**RENEWABLE ENERGY PROJECTS
(EXISTING AND PROPOSED)**

Legend

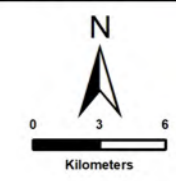
- Main Towns
- Main Arterial Routes
- National Routes
- Local Municipal Boundaries
- Provincial Boundary
- Kraaltjies WEF Application Site
- 35km Radius

Renewable Energy Application Sites

- Solar
- Wind



Source:
NGI, 2014
DFFE, 2023
MUNICIPAL DEMARCATION BOARD, 2016



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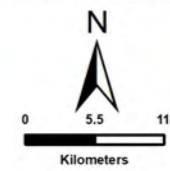
**PROPOSED
CONSTRUCTION OF THE
KRAALTJIES WIND
ENERGY FACILITY**
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
REGIONAL CONTEXT

Legend

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



Source:
ESKOM, 2012
NGI, 2014
MUNICIPAL DEMARCATION BOARD, 2016

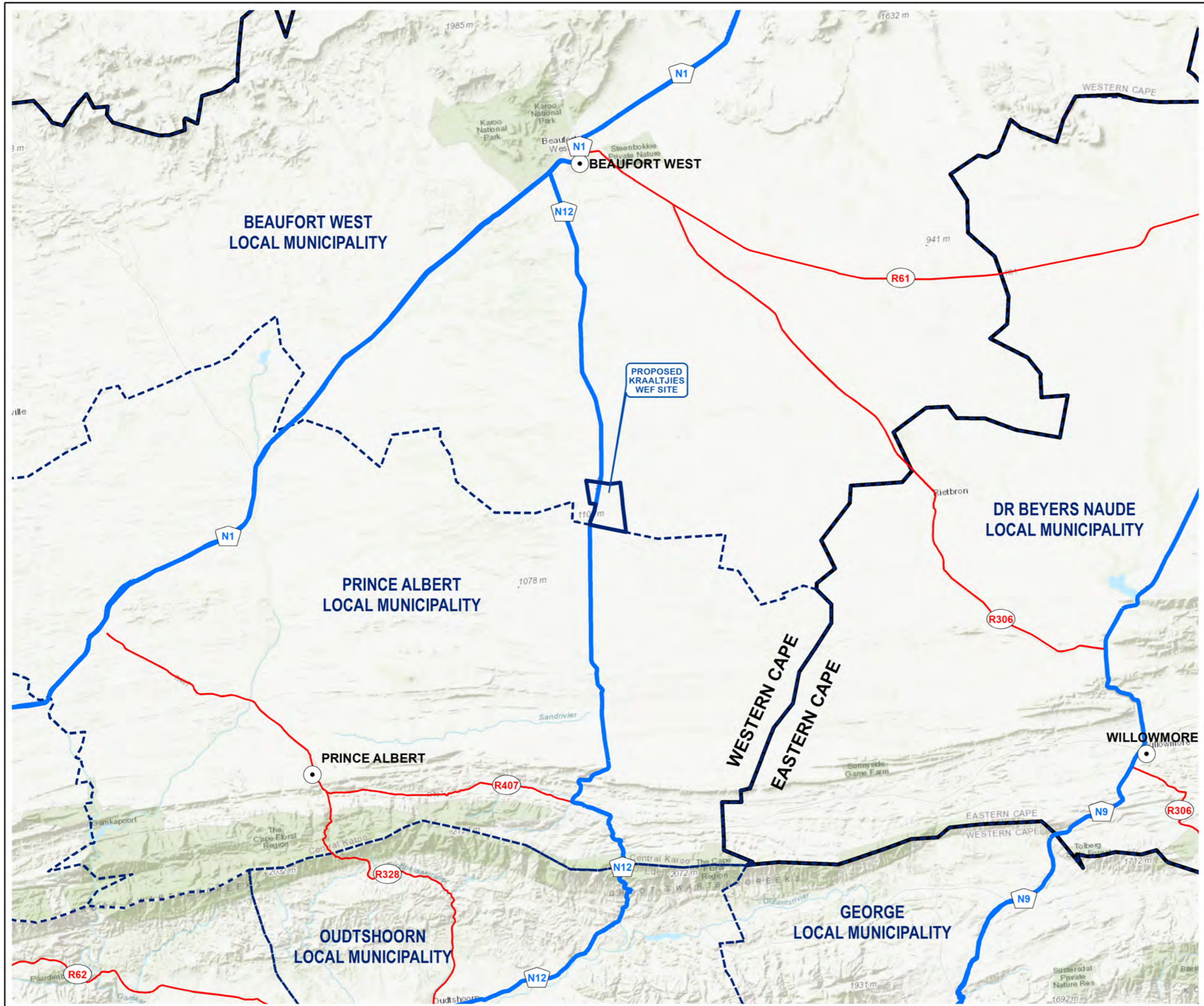


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PROPOSED CONSTRUCTION OF THE KRAALTJIES WIND ENERGY FACILITY





NEAR BEAUFORT WEST, WESTERN CAPE PROVINCE

SENSITIVITY LAYOUT

Legend

-  National Routes
-  Existing High Voltage Power Lines (400kV)
-  Local Municipal Boundaries
-  Kraaltjies WEF Application Site

Proposed WEF Components

-  Proposed Turbine Locations
-  Internal Road Network
-  Guard House
-  Proposed Substations, BESS, Construction Laydown Areas & O&M Buildings Areas

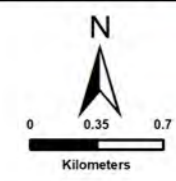
Environmental Sensitivities (No-Go)

-  Aquatic & Terrestrial
-  Archaeology
-  Avifauna
-  Bat
-  Cultural

Limited Development Area

-  Visual

Source:
 NGI, 2014
 ESKOM, 2012
 MUNICIPAL DEMARCATION BOARD, 2016

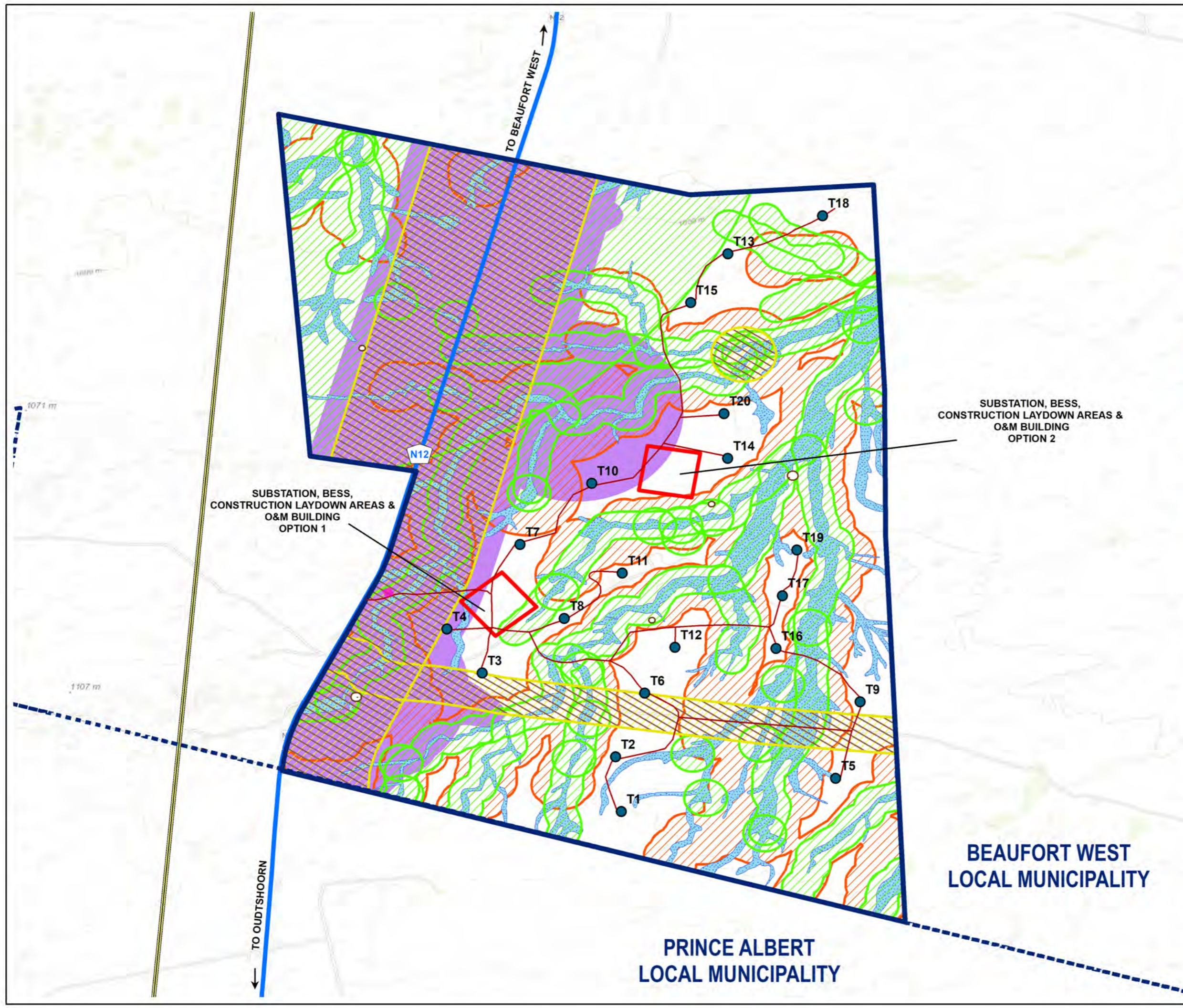


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




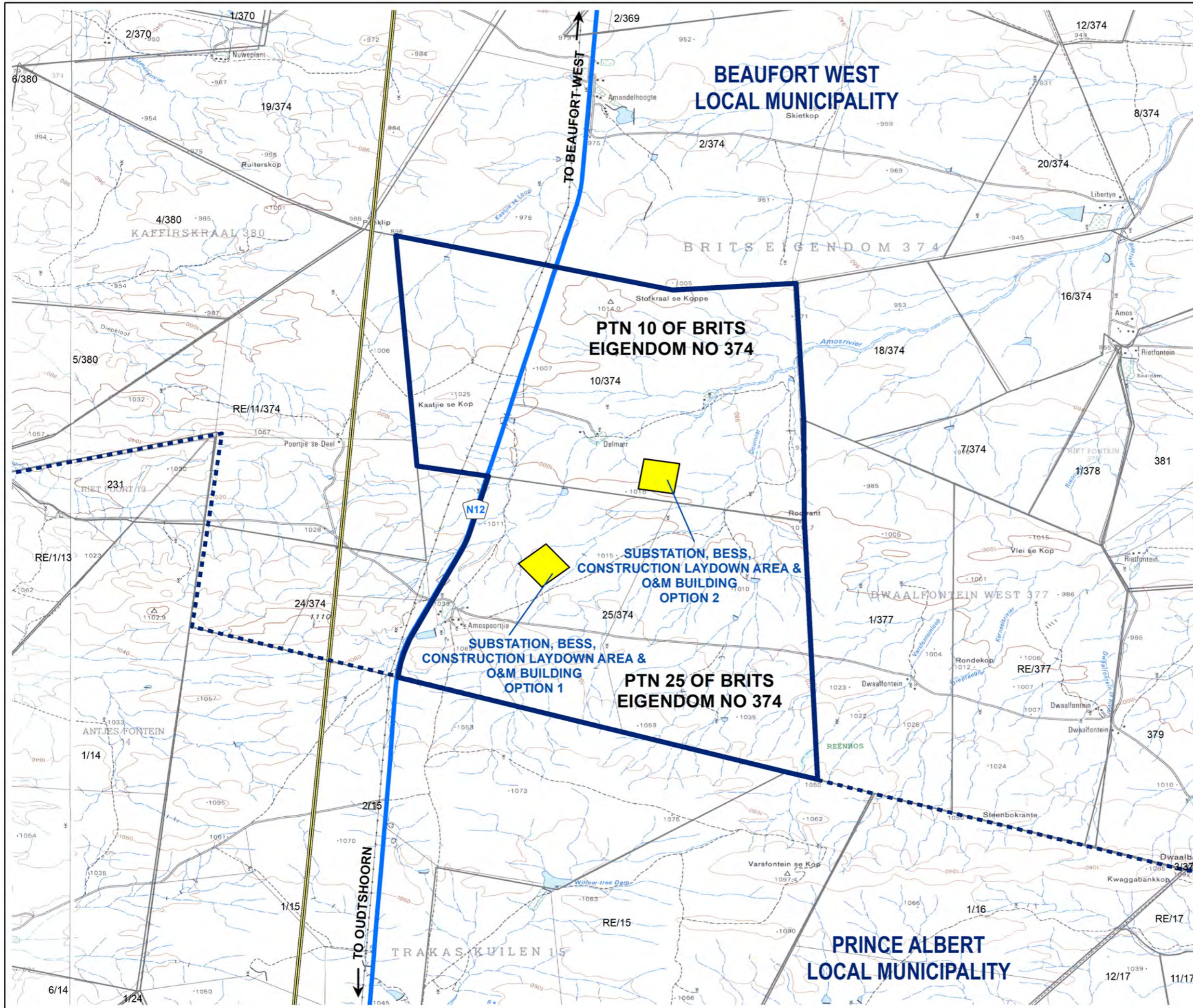
BEAUFORT WEST LOCAL MUNICIPALITY

PRINCE ALBERT LOCAL MUNICIPALITY

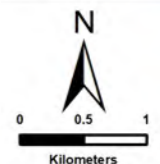
**PROPOSED
CONSTRUCTION OF THE
KRAALTJIES WIND
ENERGY FACILITY**
NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE
SITE LAYOUT

Legend

-  National Routes
-  Existing High Voltage Power Lines (400kV)
-  Farm Portions
-  Proposed Substations, BESS, Construction Laydown Areas & O&M Buildings
-  Kraaltjies WEF Application



Source:
NGI, 2014
ESKOM, 2012
MUNICIPAL DEMARCATION BOARD, 2016



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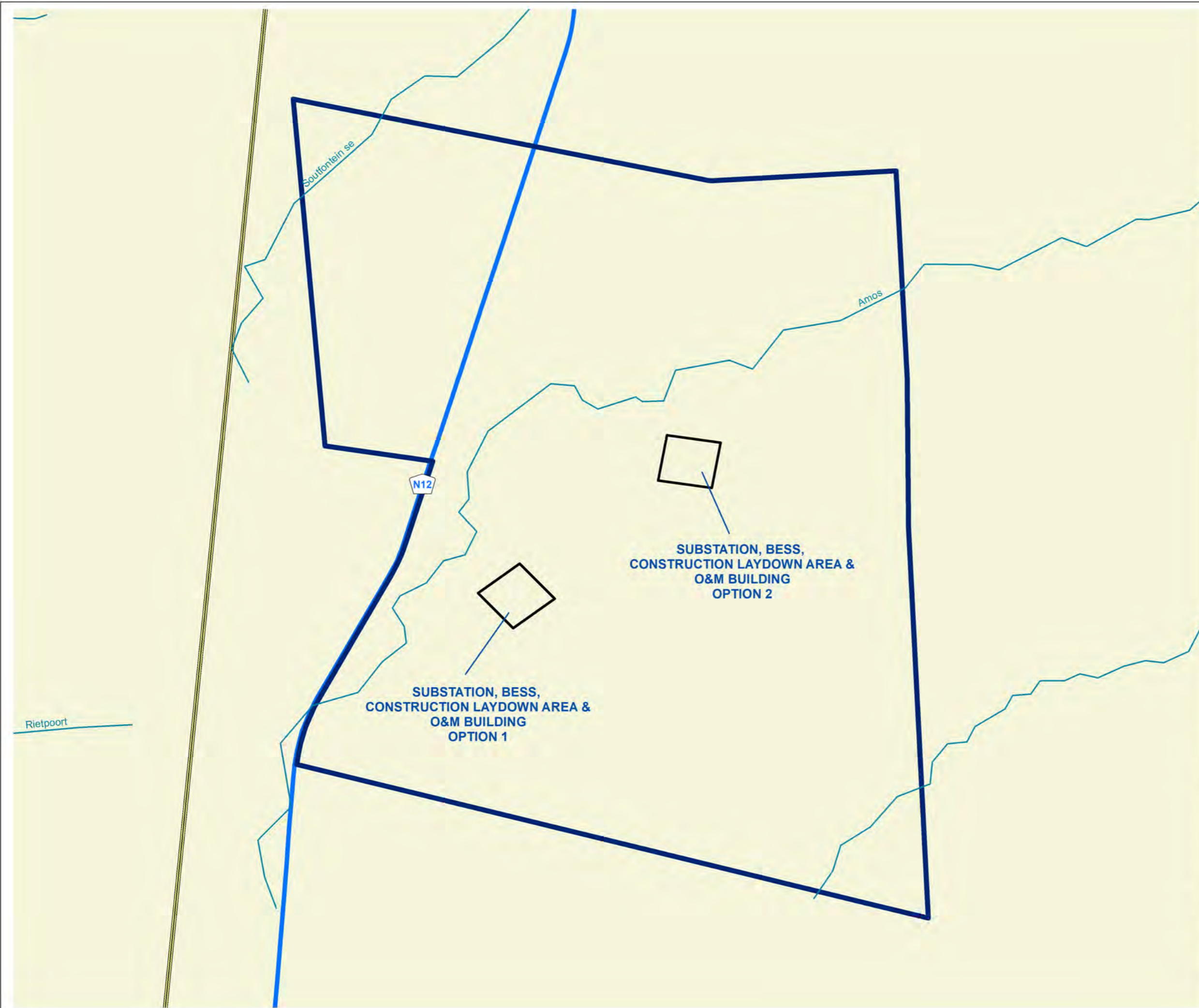
**PROPOSED
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ENERGY FACILITY**
**NEAR BEAUFORT WEST,
WESTERN CAPE PROVINCE**
VEGETATION CLASSIFICATION

Legend

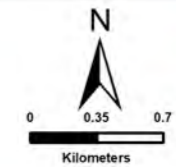
-  National Route (N12)
-  Existing High Voltage Power Lines (400kV)
-  Rivers
-  Proposed Substations, BESS, Construction Laydown Areas & O&M Buildings
-  Kraaltjies WEF Application

Vegetation Classification

-  Gamka Karoo



Source:
ESKOM, 2012
NFEPA, 2011
SANBI, 2018



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