






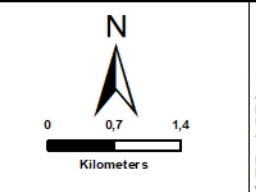


**PROPOSED CONSTRUCTION
OF THE POFFADER
WIND ENERGY FACILITY 2
WITHIN
KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE
CRITICAL BIODIVERSITY AREAS**

Legend

-  Existing High Voltage Power Line 400kV
 -  Rivers
 -  Poffader WEF 2 Application Site (29° 17.221'S; 19° 44.632'E)
- CBA Classification**
-  CBA 1
 -  CBA 2
 -  ESA
 -  Other Natural Areas

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



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Map Ref No 16876	Revision 0	Date

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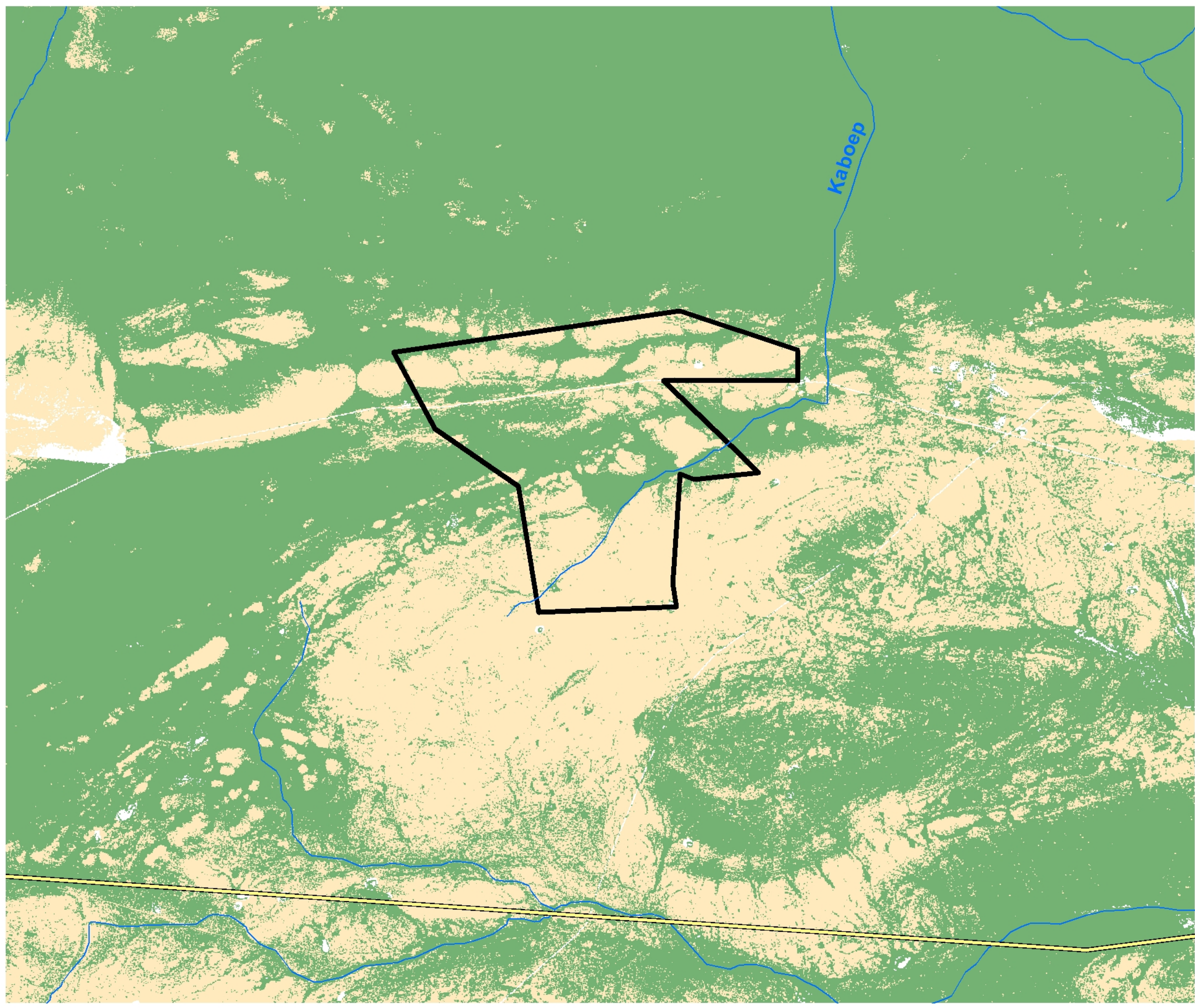
**PROPOSED CONSTRUCTION
OF THE POFFADER
WIND ENERGY FACILITY 2
WITHIN
KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE
BROAD LAND COVER
CLASSIFICATION**

Legend

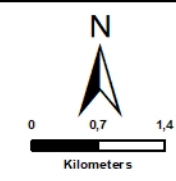
-  Existing High Voltage Power Line 400kV
-  Rivers
-  Poffader WEF 2 Application Site (29° 17.221'S; 19° 44.632'E)

Land Cover Classification

-  Low Shrubland (Nama Karoo)
-  Other Bare



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



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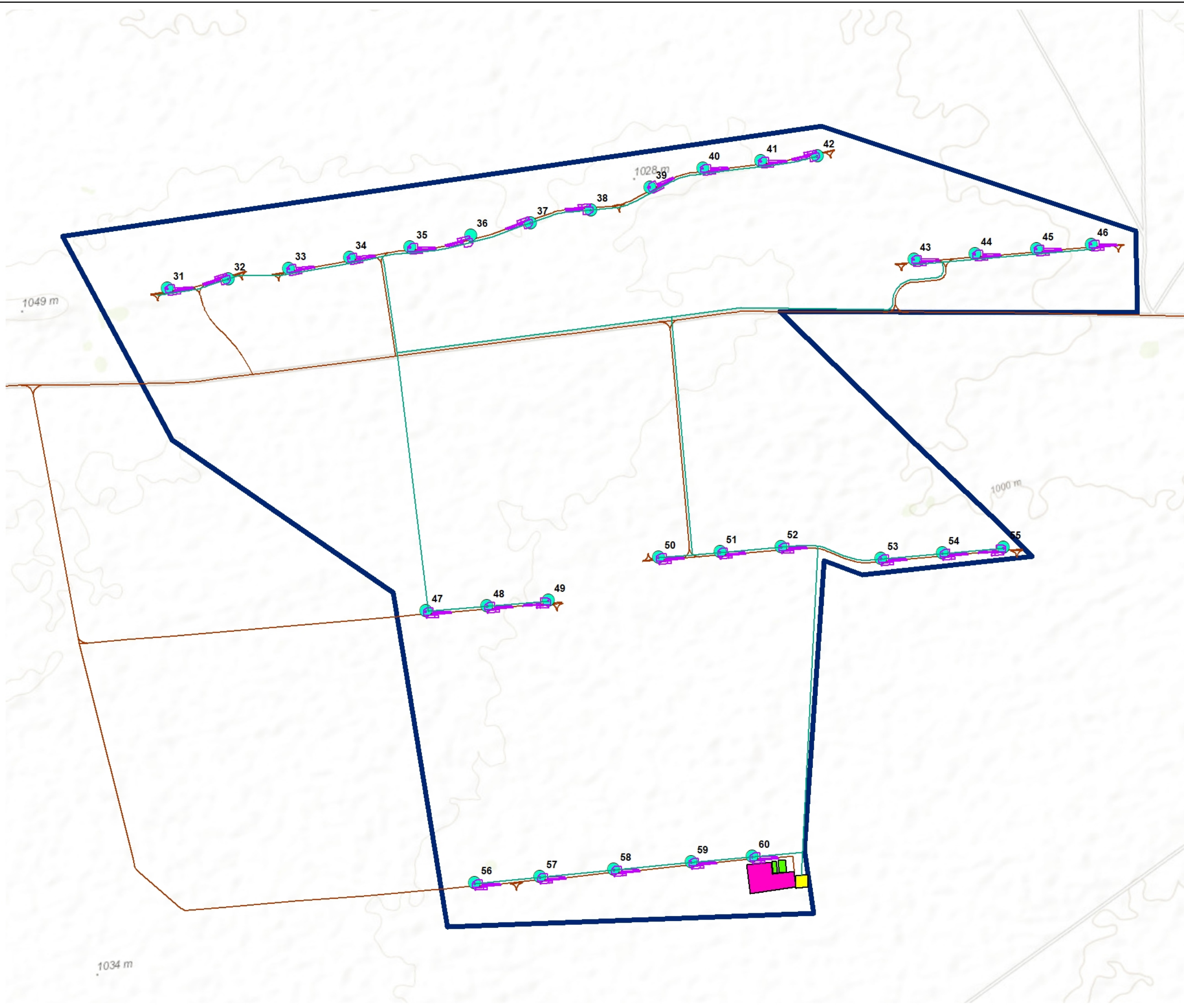
**PROPOSED CONSTRUCTION
OF THE POFFADER
WIND ENERGY FACILITY 2
WITHIN
KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE
PRELIMINARY LAYOUT**

Legend

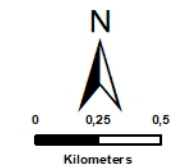
 Poffader WEF 2 Application Site (29° 17.221'S; 19° 44.632'E)

Proposed WEF Components

-  Turbine Positions
-  Facility Substation
-  Auxiliary Buildings and Batching Plants
-  Temporary Laydown & Warehouse Area (upto 7ha)
-  Platforms
-  MV Cabelling
-  Internal Road Network



Source:
ESKOM, 2012
NGI, 2014



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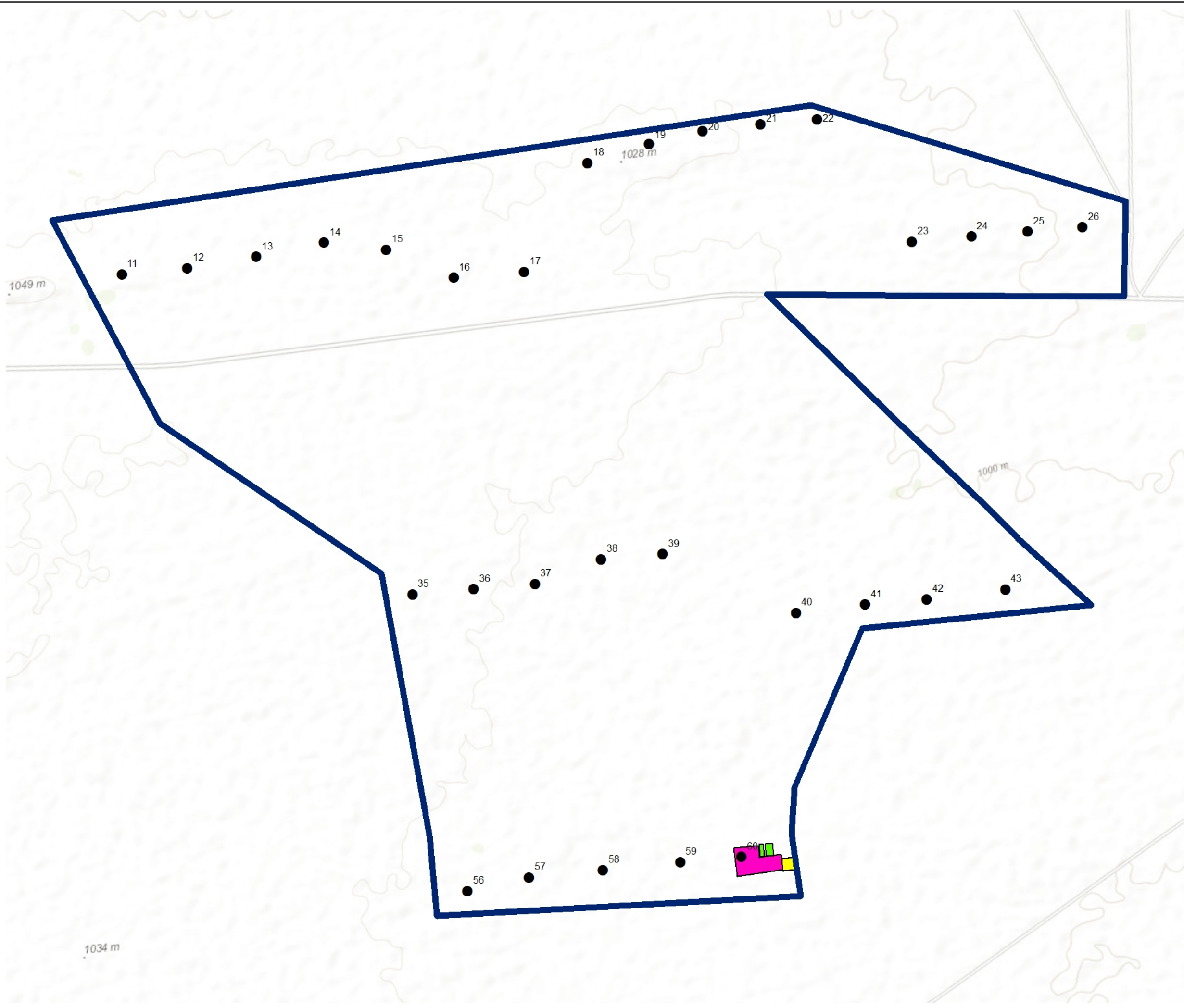
**PROPOSED CONSTRUCTION
OF THE POFADDER
WIND ENERGY FACILITY 2
WITHIN
KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE
PROPOSED LAYOUT**

Legend

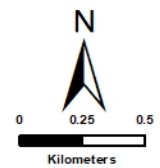
 Pofadder WEF 2 Application Site

Proposed WEF Components

-  Turbine Positions
-  Facility Substation
-  Auxiliary Buildings and Batching Plants
-  Temporary Laydown & Warehouse Area (upto 7ha)



Source:
ESKOM, 2012
NGI, 2014

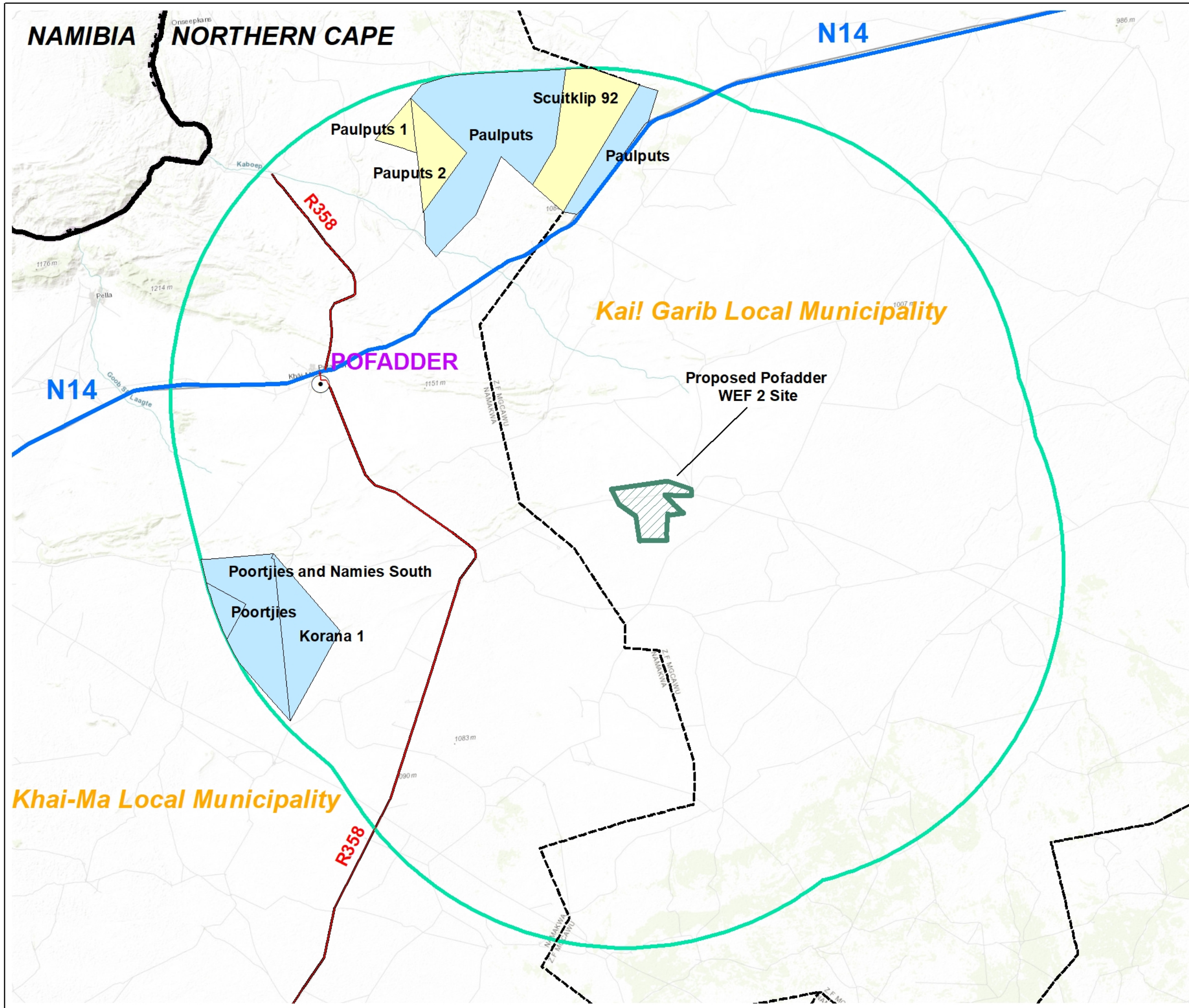


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PROPOSED CONSTRUCTION OF THE POFFADDER WIND ENERGY FACILITY 2 WITHIN KAI! GARIB LOCAL MUNICIPALITY, NORTHERN CAPE PROVINCE Renewable Energy Projects (Existing and Proposed)

- Legend**
- Main Towns
 - Provincial Boundary
 - Local_Municipal Boundaries
 - National Routes
 - Main Arterial Routes
 - Poffader WEF 2 Application Site (29° 17.221'S; 19° 44.632'E)
 - 35km Radius

- Renewable Energy Sites**
- Solar
 - Wind

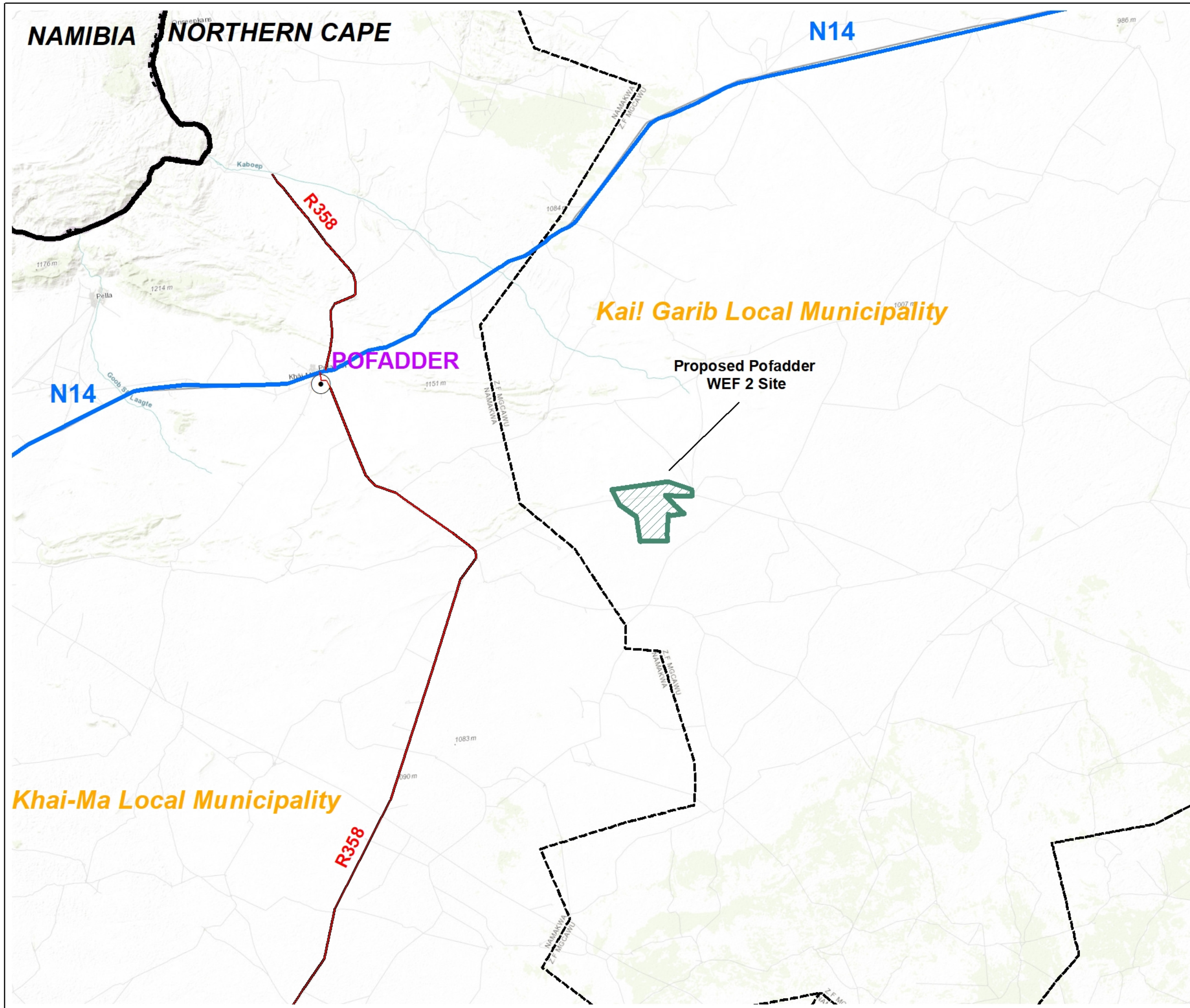
Source:
DEFF, 2020
NGI, 2014
MUNICIPAL DEMARCATION BOARD, 2016

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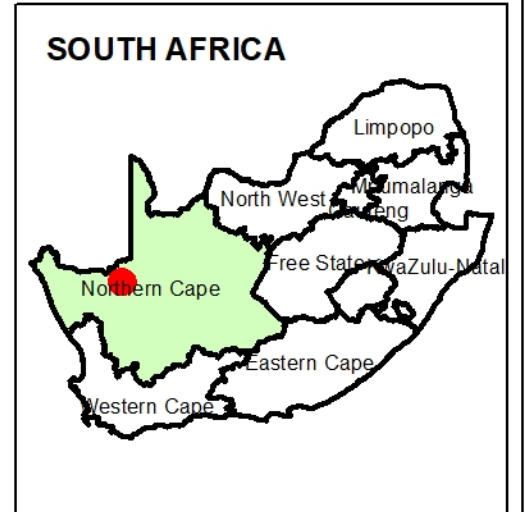
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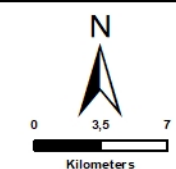
PROPOSED CONSTRUCTION OF THE POFFADDER WIND ENERGY FACILITY 2
WITHIN KAI! GARIB LOCAL MUNICIPALITY, NORTHERN CAPE PROVINCE
REGIONAL CONTEXT

Legend

- Main Towns
- Provincial Boundary
- Local_Municipal Boundaries
- National Routes
- Main Arterial Routes
- Poffader WEF 2 Application Site (29° 17.221'S; 19° 44.632'E)



Source:
 NGI, 2014
 MUNICIPAL DEMARCATION BOARD, 2016



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**PROPOSED CONSTRUCTION
OF THE POFADDER
WIND ENERGY FACILITY 2
WITHIN
KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE**

**PROPOSED
SENSITIVITY LAYOUT**





Legend

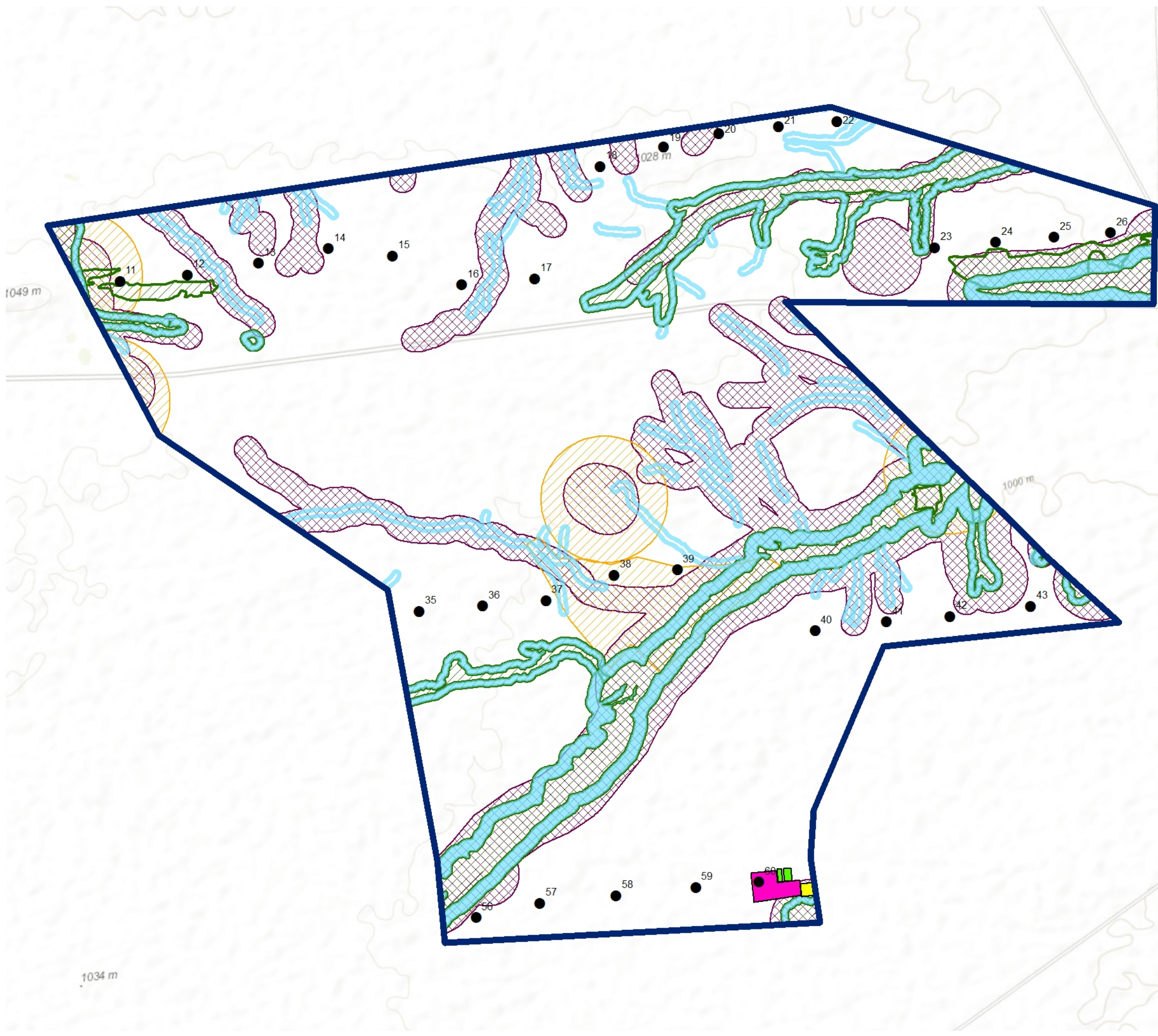
 Pofadder WEF 2 Application Site

Proposed WEF Components

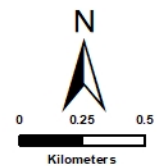
-  Turbine Positions
-  Facility Substation
-  Auxiliary Buildings and Batching Plants
-  Temporary Laydown & Warehouse Area (upto 7ha)

Environmental Sensitivities

-  Avifaunal Sensitivity
-  Bat Sensitivity
-  Ecological Sensitivity
-  Surface Water Features (inclusive of buffers)



Source:
ESKOM, 2012
NGI, 2014

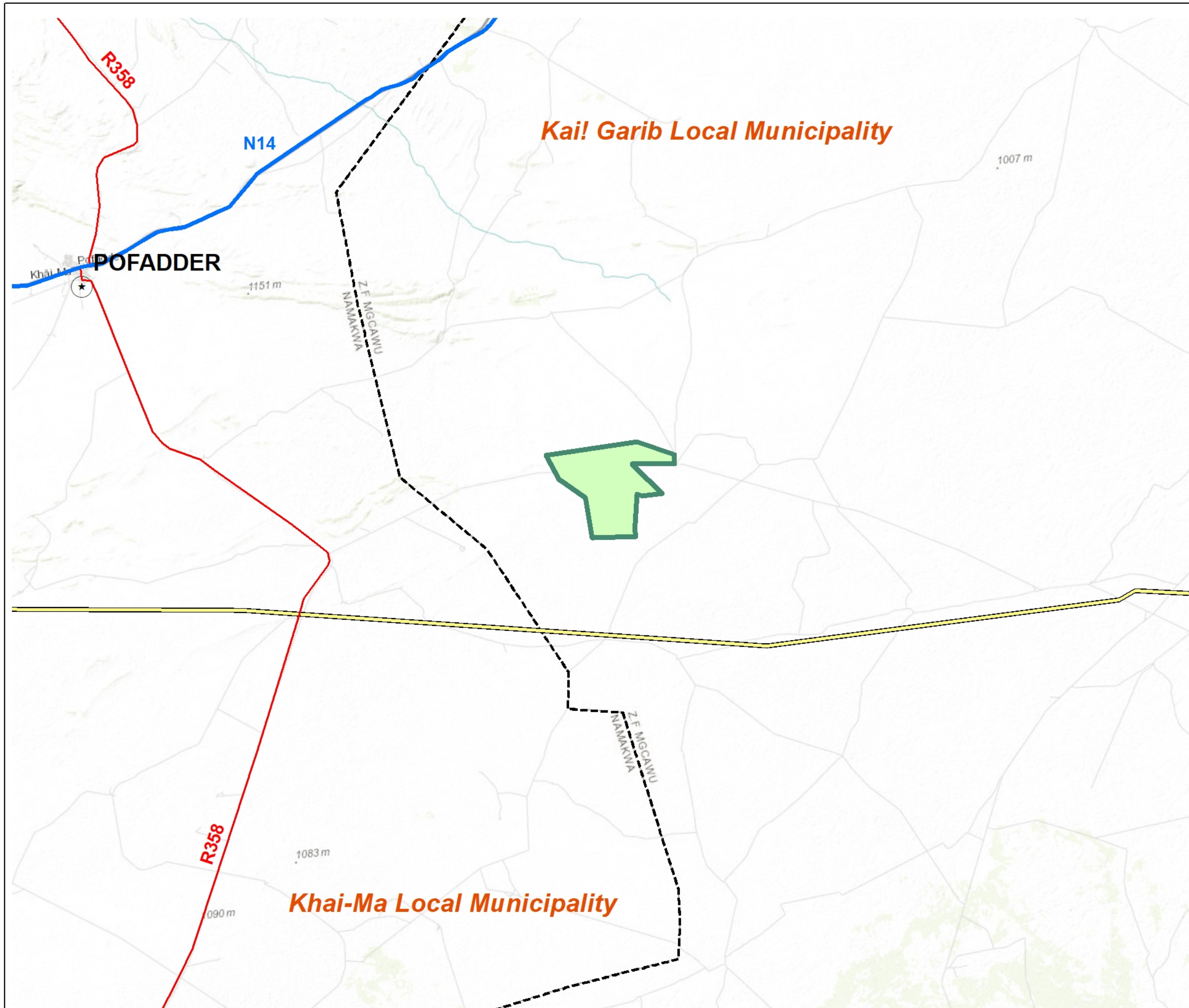


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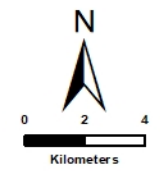


**PROPOSED CONSTRUCTION
OF THE POFADDER
WIND ENERGY FACILITY 2
WITHIN
KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE
SITE LOCALITY**

Legend

- Main Towns
- National Routes
- Main Arterial Routes
- Local Municipal Boundaries
- Existing High Voltage Power Line 400kV
- Poffader WEF 2 Application Site (29° 17.221'S; 19° 44.632'E)

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

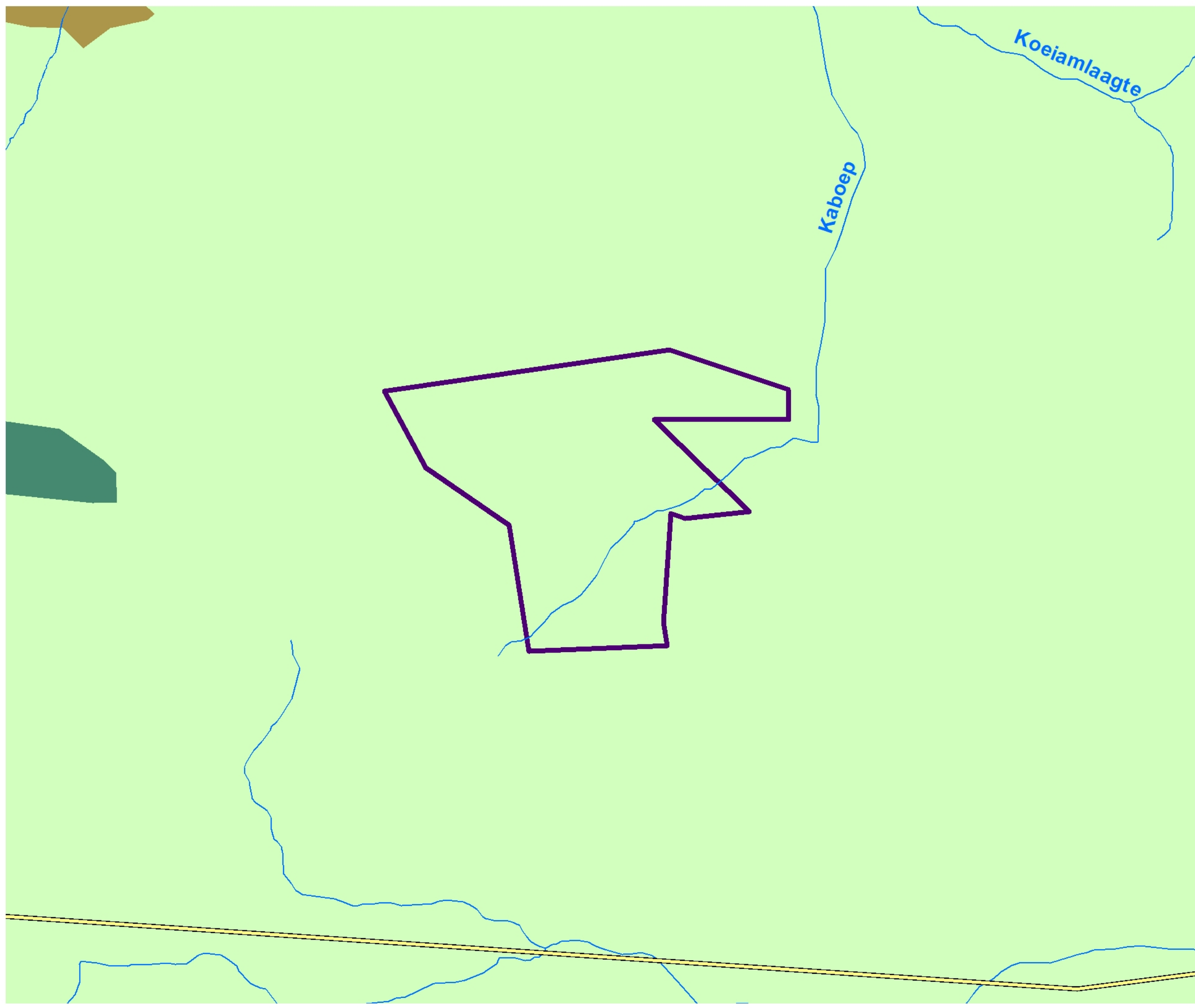


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




**PROPOSED CONSTRUCTION
OF THE POFFADER
WIND ENERGY FACILITY 2
WITHIN
KAI! GARIB LOCAL MUNICIPALITY,
NORTHERN CAPE PROVINCE
VEGETATION CLASSIFICATION**

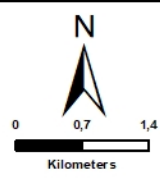
Legend

-  Existing High Voltage Power Line 400kV
-  Rivers
-  Poffader WEF 2 Application Site (29° 17.221'S; 19° 44.632'E)

Vegetation Classification

-  Bushmanland Arid Grassland
-  Bushmanland Inselberg Shrubland
-  Eastern Gariep Rocky Desert

Source:
ESKOM, 2012
NFEP, 2011
SANBI, 2018



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