

PROPOSED CONSTRUCTION OF THE LESAKA 1 SOLAR ENERGY FACILITY NEAR LOERIESFONTEIN, NORTHERN CAPE PROVINCE CRITICAL BIODIVERSITY AREAS

Legend

- Access Roads
- Secondary Roads
- Existing Voltage Power Lines (22, 66 & 400kV)
- Rivers
- Lesaka 1 Site Area

CBA Classification

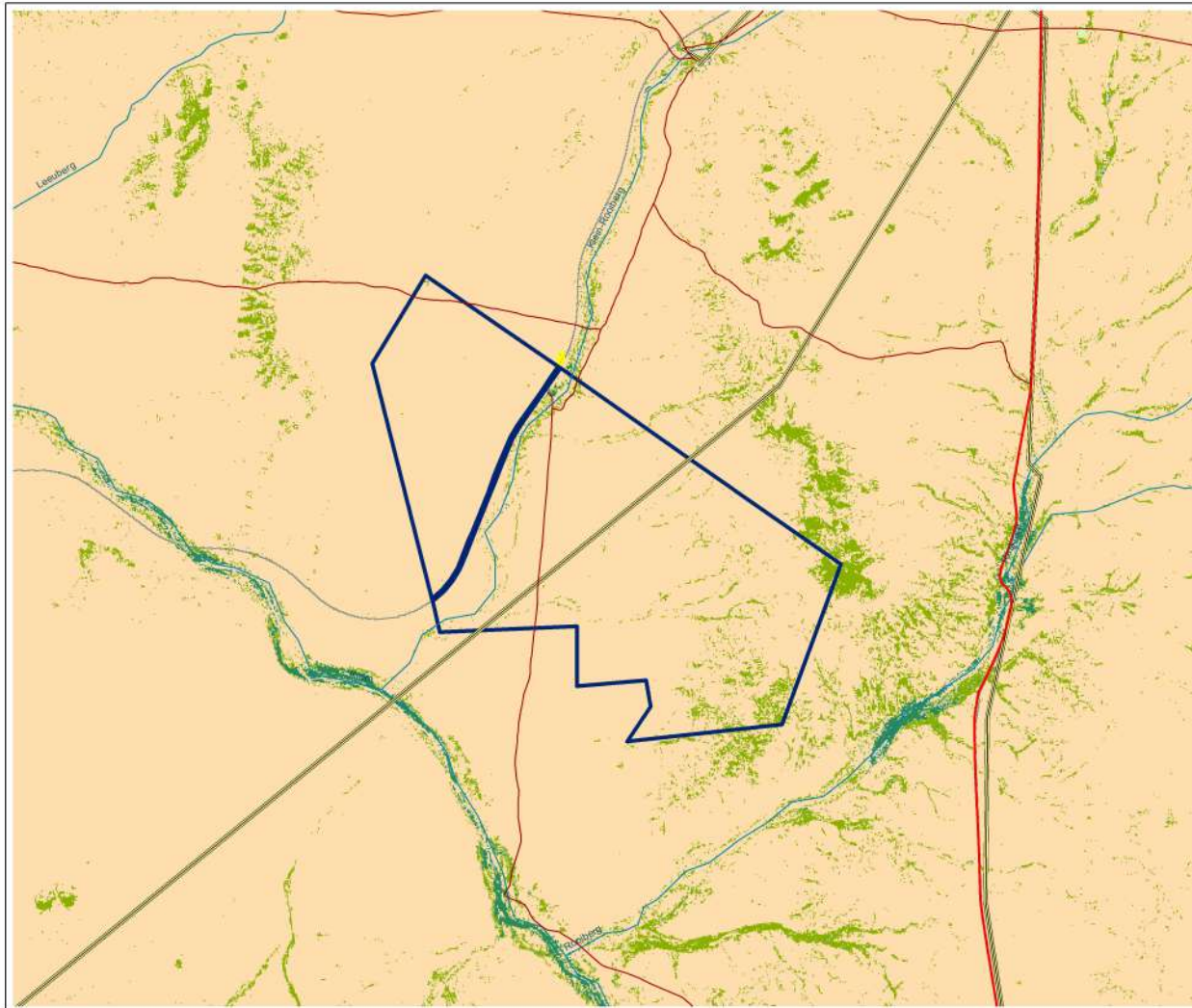
- CBA 1
- CBA 2
- ESA
- Other Natural Areas

Source:
 NCI, 2014
 ESKOM, 2012
 NORTHERN CAPE BIODIVERSITY SPATIAL PLAN, 2017
 NFEPA, 2011



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PROPOSED CONSTRUCTION OF THE LESAKA 1 SOLAR ENERGY FACILITY NEAR LOERIESFONTEIN, NORTHERN CAPE PROVINCE BROAD LAND COVER CLASSIFICATION

Legend

-  Access Roads
-  Secondary Roads
-  Existing High Voltage Power Lines (66 & 400kV)
-  Rivers
-  Lesaka 1 Site Area

Land Cover Classification

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

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




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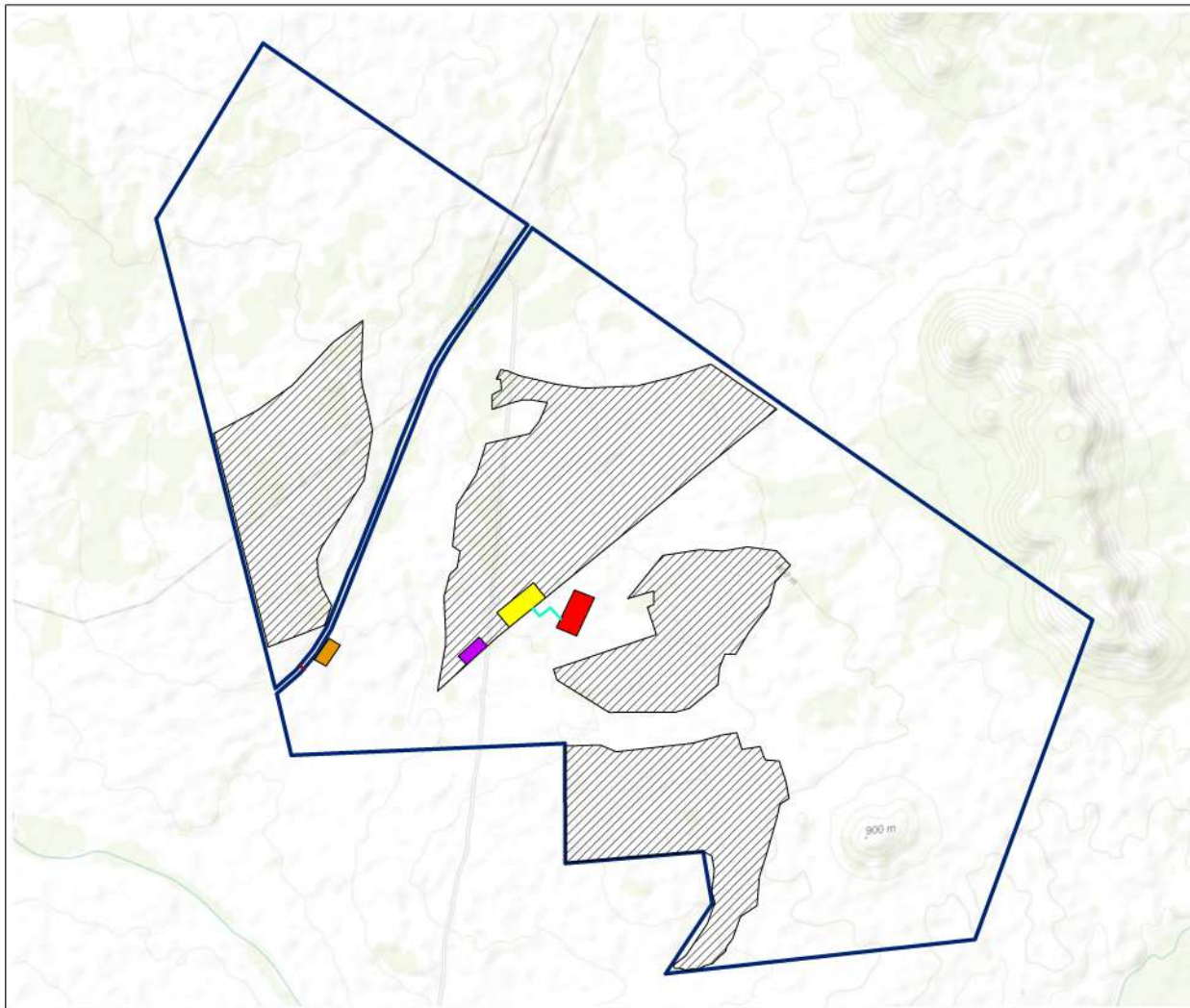
**PROPOSED CONSTRUCTION
OF THE LESAKA 1
SOLAR ENERGY FACILITY
NEAR
LOERIESFONTEIN,
NORTHERN CAPE PROVINCE
PRELIMINARY LAYOUT**

Legend

 Lesaka 1 Site Area

Proposed SEF Components

-  Access Road Option 1
-  Access Road Option 2
-  Overhead Line
-  Collector Substation
-  Onsite Substation & BESS
-  Temporary Laydown Area Option 1
-  Temporary Laydown Area Option 2
-  Buildable Areas



Source:
NGI, 2014

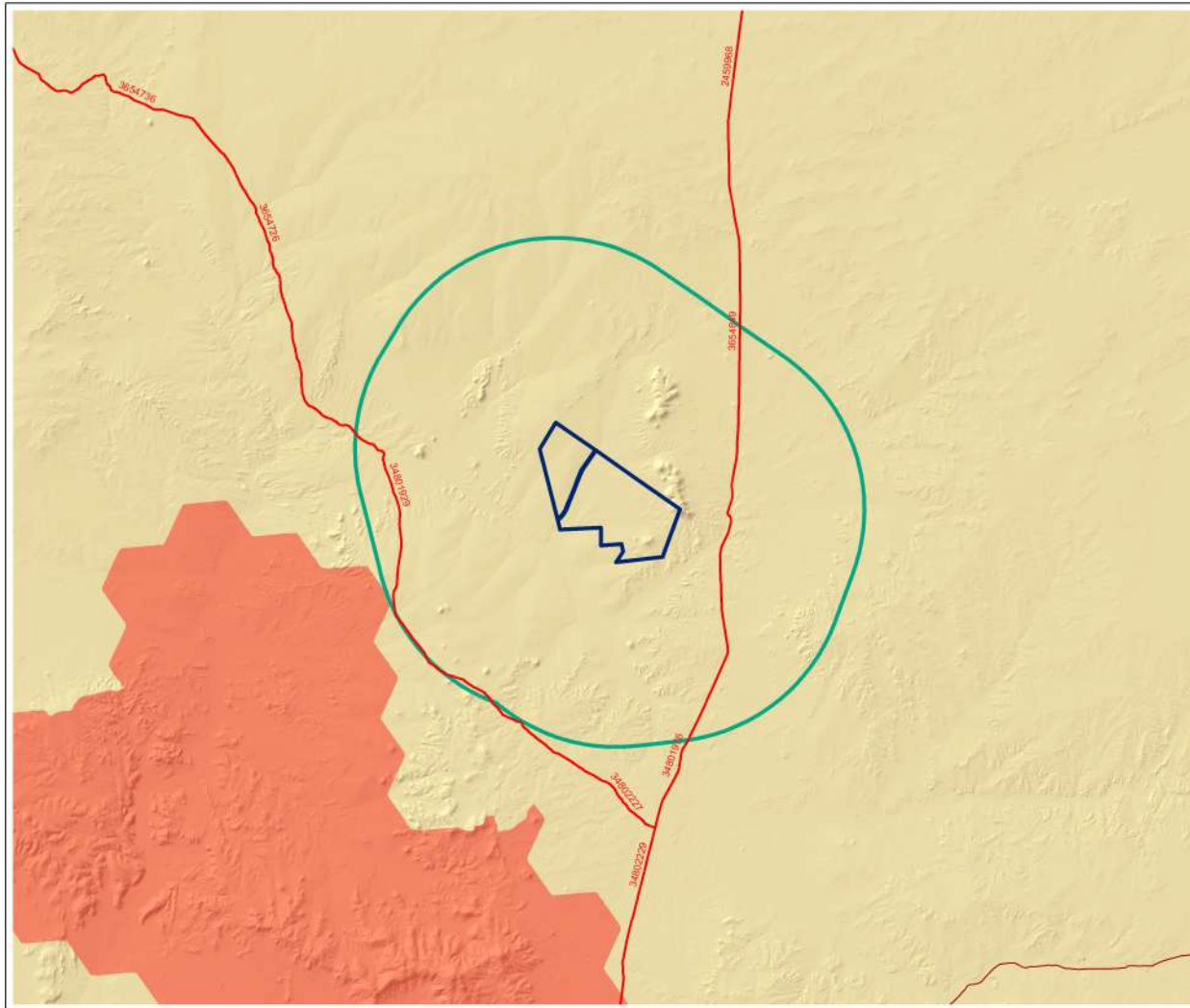


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**PROPOSED CONSTRUCTION
OF THE LESAKA 1
SOLAR ENERGY FACILITY
NEAR
LOERIESFONTEIN,
NORTHERN CAPE PROVINCE
PROTECTED AREAS**

Legend

- Main Roads
- Secondary Roads
- NPAs: Priority Focus Areas
- 10km Radius
- Lesaka 1 Site Area

Source:
NOI, 2014
DFFE, 2022

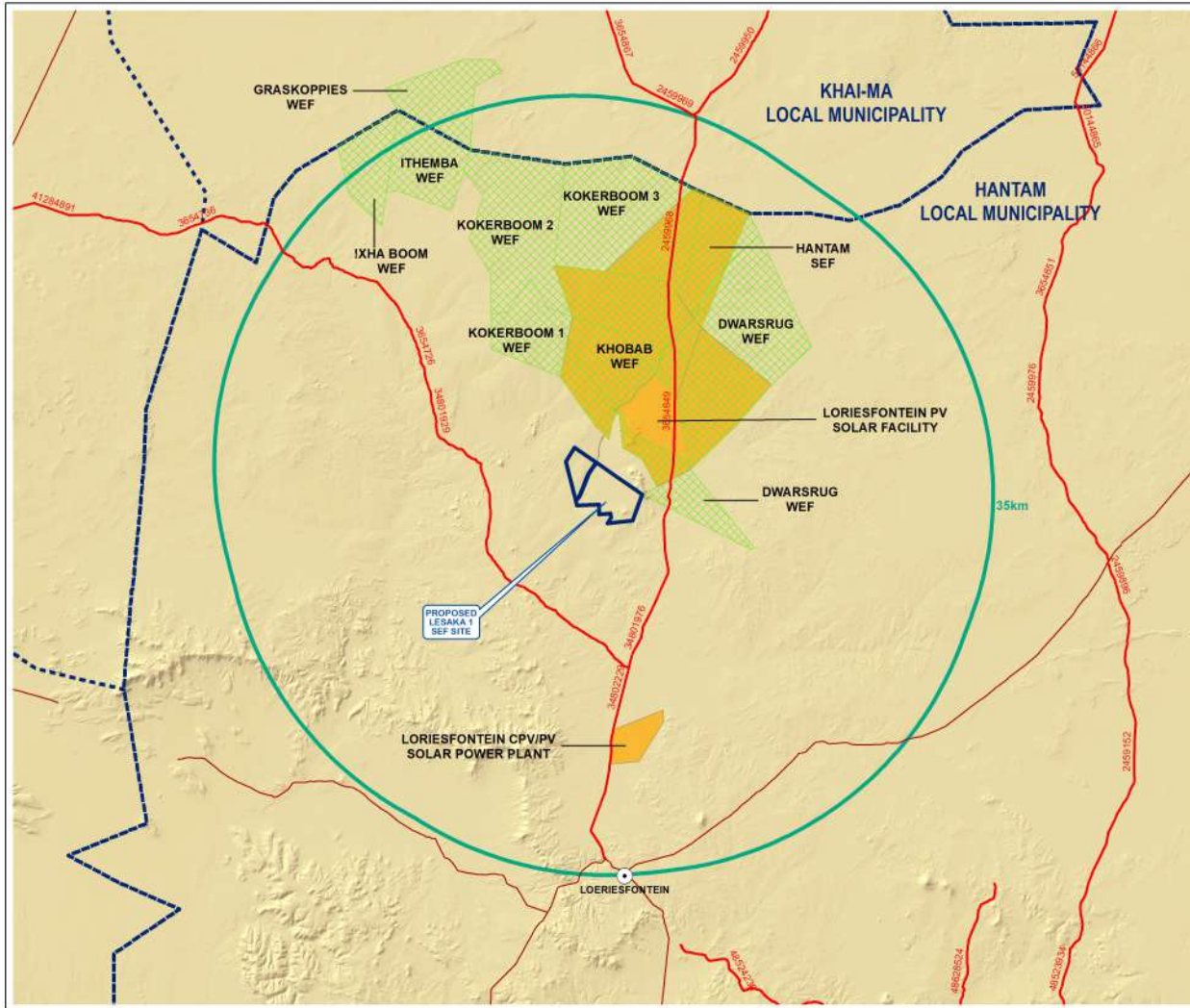


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PROPOSED CONSTRUCTION OF THE LESAKA 1 SOLAR ENERGY FACILITY NEAR LORIESFONTEIN, NORTHERN CAPE PROVINCE RENEWABLE ENERGY PROJECTS (EXISTING & PROPOSED)

- Legend**
- Main Towns
 - Main Roads
 - Secondary Roads
 - ▭ Lesaka 1 Site Area
 - 35km Radius

Renewable Energy Application Sites

- ▭ Solar PV
- ▭ Wind

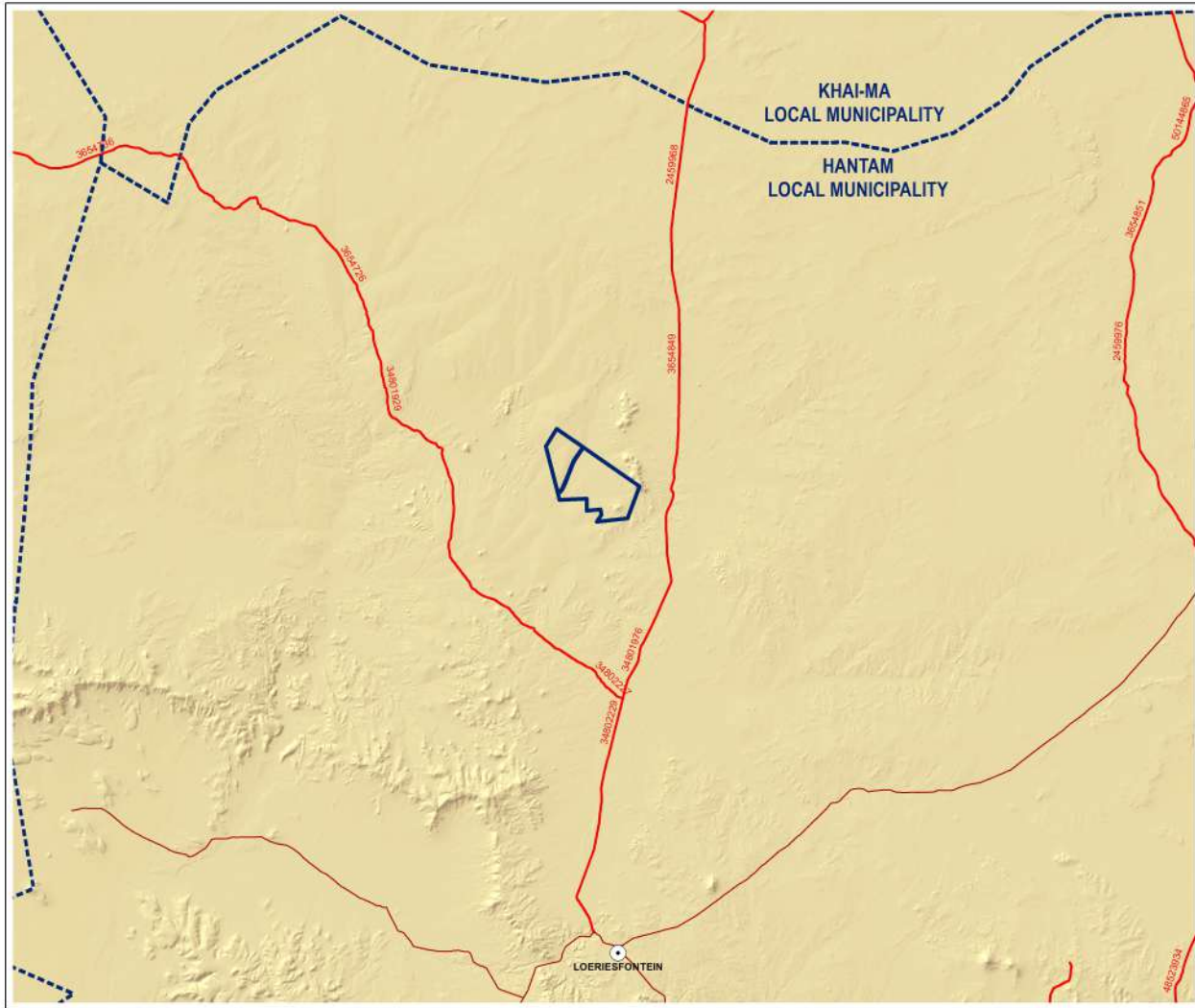
Source: NGI, 2014
 DFFE, 2022
 MUNICIPAL DEMARCATION BOARD, 2016

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PROPOSED CONSTRUCTION OF THE LESAKA 1 SOLAR ENERGY FACILITY NEAR LOERIESFONTEIN, NORTHERN CAPE PROVINCE REGIONAL CONTEXT

Legend

- Main Towns
- Main Roads
- Secondary Roads
- Lesaka 1 Site



Source:
 NGI, 2014
 NFERA, 2011
 MUNICIPAL DEMARCATION BOARD, 2016

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