












**PROPOSED
CONSTRUCTION OF
A SOLAR PHOTOVOLTAIC
(PV) ENERGY FACILITY**
LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE
CRITICAL BIODIVERSITY AREAS

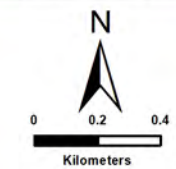
Legend

-  Main Road
-  Railway
-  Rivers
-  Existing High Voltage Power Lines (132 & 400kV)
-  Existing Substation
-  Leeumax PV Area (previously Leeubosch)
-  PV Application Site

Critical Biodiversity Areas

-  CBA1
-  CBA2
-  ESA1
-  ESA2

Source:
NGI, 2014
ESKOM, 2012
NORTH WEST TERRESTRIAL
CRITICAL BIODIVERSITY AREAS, 2015

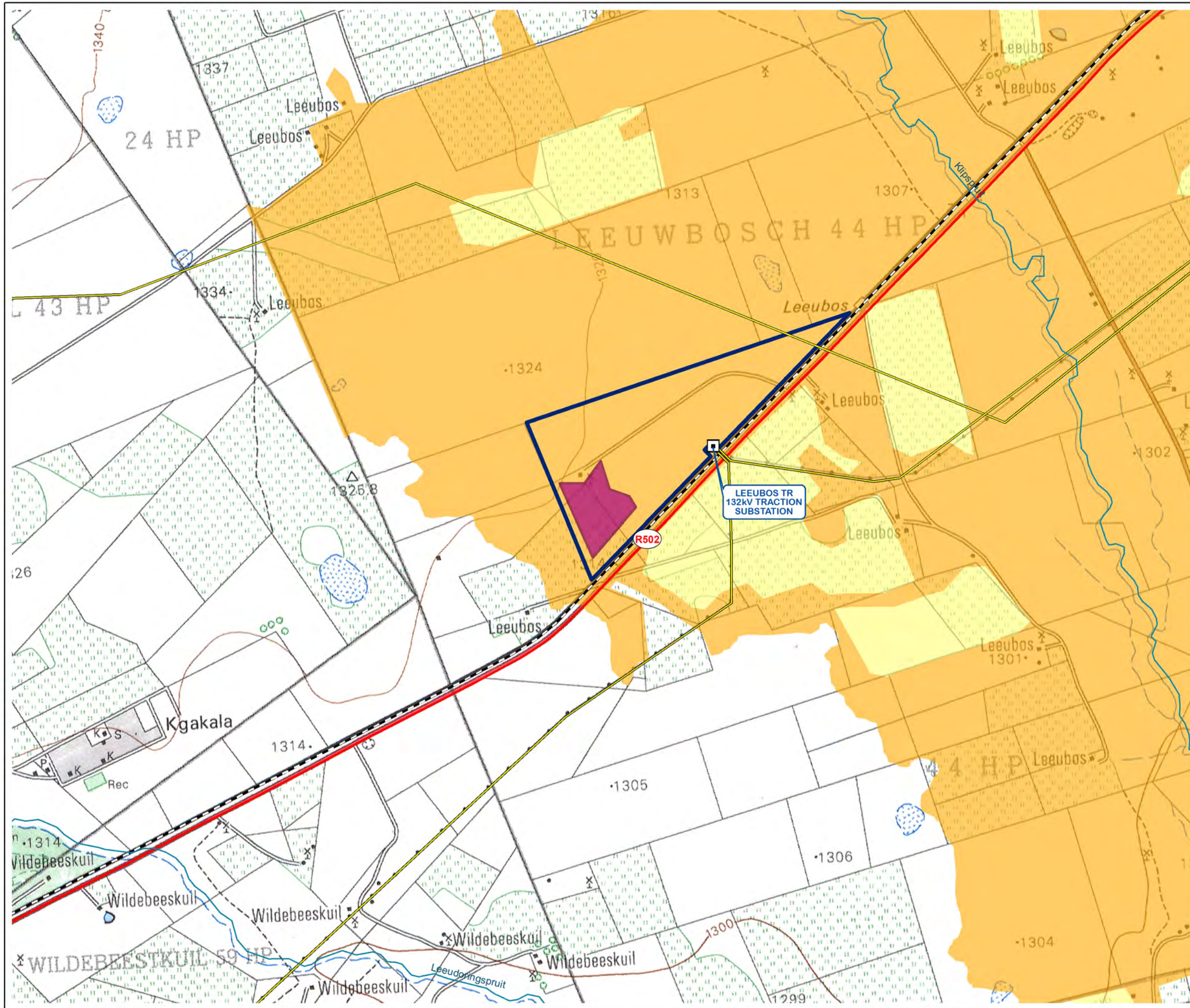


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Map Ref No 17420	Revision 0	Date

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LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE
BROAD LAND COVER
CLASSIFICATION

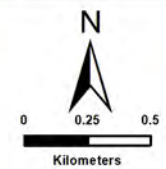
Legend

- Main Roads
- Railway
- Rivers
- Existing High Voltage Power Lines (132 & 400kV)
- Existing Substation
- Leeumax PV Area (previously Leeubosch)
- PV Application Site

Land Cover Classification

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

Source:
NGI, 2014
NFEPA, 2011
ESKOM, 2012
2018 SA NATIONAL LAND COVER
(© GEOTERRAIMAGE - 2018)

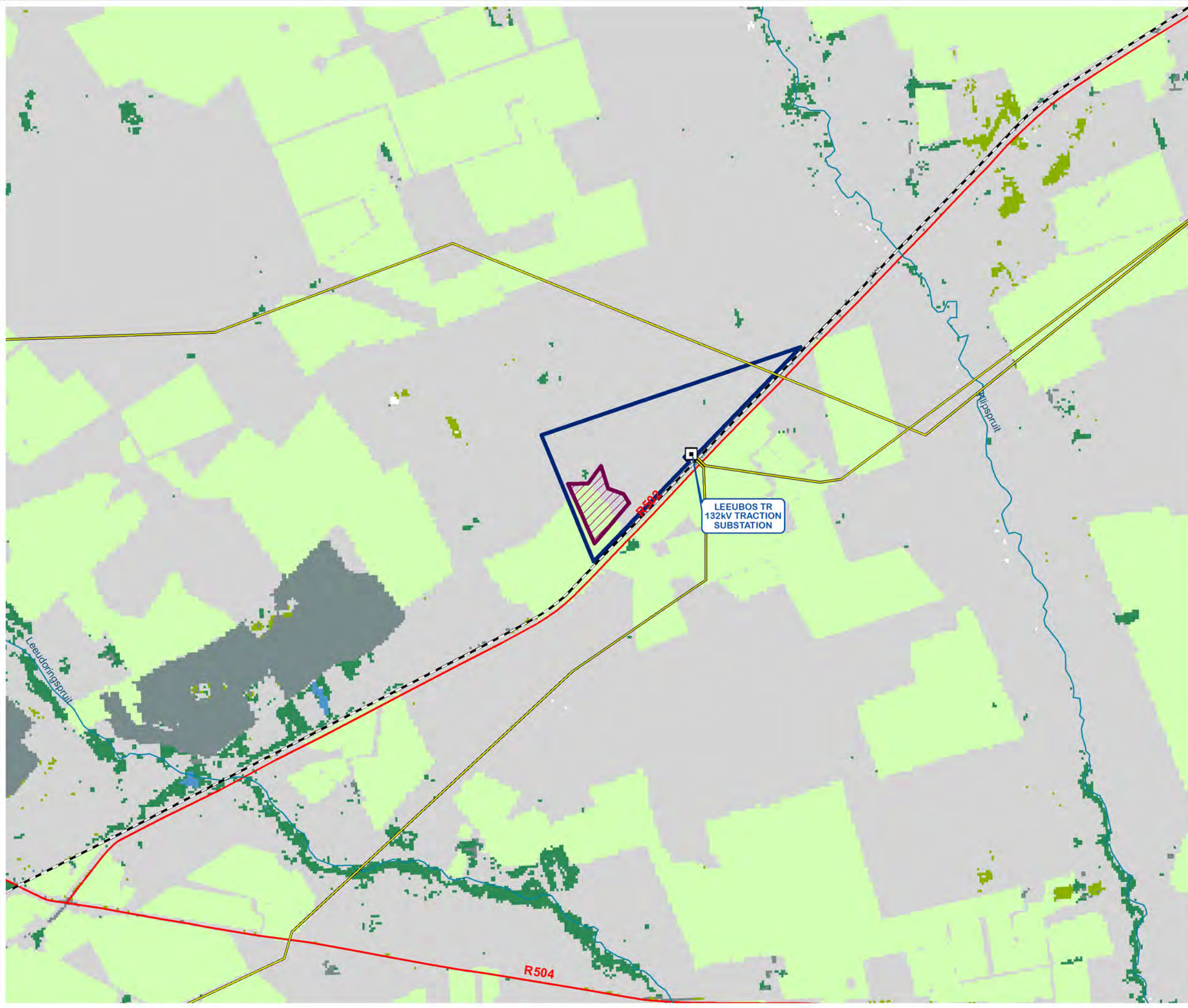


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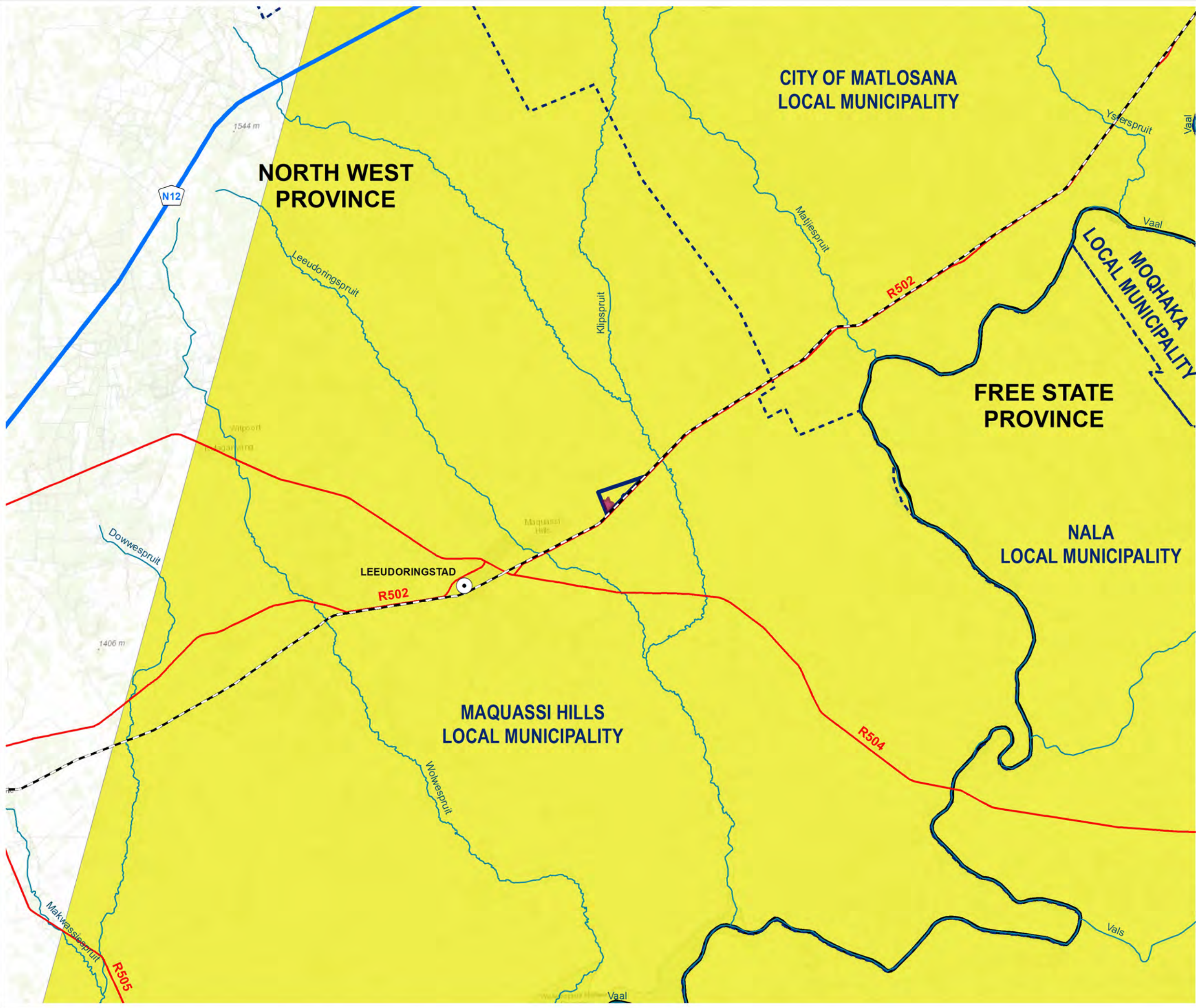
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PROPOSED CONSTRUCTION OF A SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY
LEEUMAX SOLAR PV PROJECT NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE POWER CORRIDORS



Legend

- Main Towns
- Local Municipal Boundaries
- Provincial Boundary
- National Route (N12)
- Main Roads
- Railway
- Rivers
- Central Corridor
- Leeumax PV Area (previously Leeubosch)
- PV Application Site

Source:
 DFFE, 2021
 NGI, 2014
 NFEPA, 2011
 MUNICIPAL DEMARCATION BOARD, 2016

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




LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE

PRELIMINARY LAYOUT

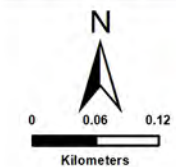
Legend

-  Main Roads
-  Railway
-  Existing High Voltage Power Lines (132 & 400kV)
-  Existing Substation
-  PV Application Site

Proposed SEF Components

-  Existing Roads
-  33kV switching station
-  Guard House
-  Substation (already approved)
-  Temporary building zone
-  Leeumax PV Area (previously Leeubosch)

Source:
NGI, 2014
ESKOM, 2012

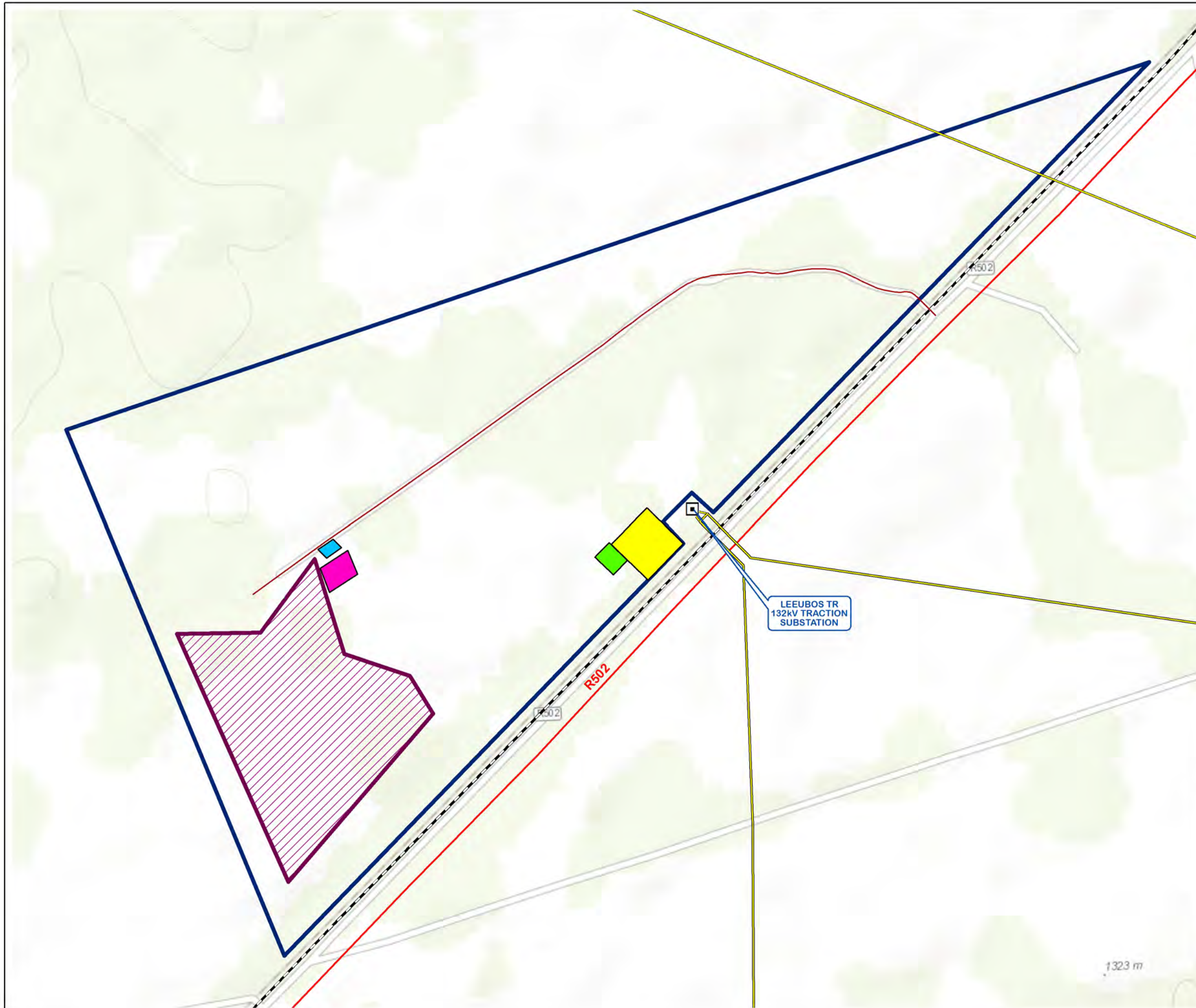


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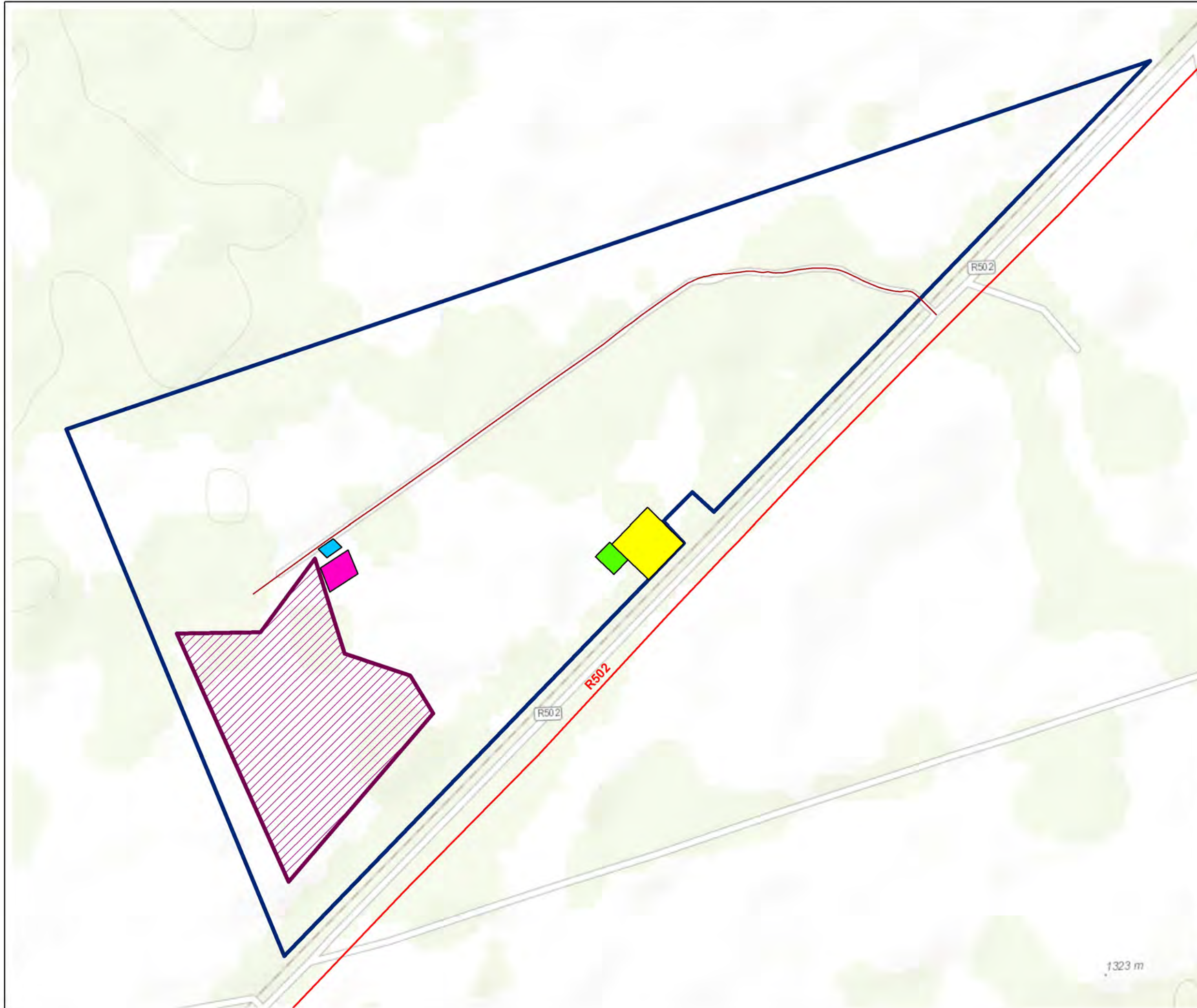
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A SOLAR PHOTOVOLTAIC
(PV) ENERGY FACILITY**

LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE

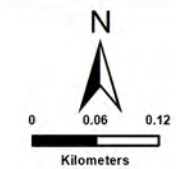
PROPOSED SITE LAYOUT

Legend

- Main Roads
- PV Application Site
- Existing Roads
- 33kV switching station
- Guard House
- Substation (already approved)
- Temporary building zone
- Leeumax PV Area (previously Leeubosch)



Source:
NGI, 2014



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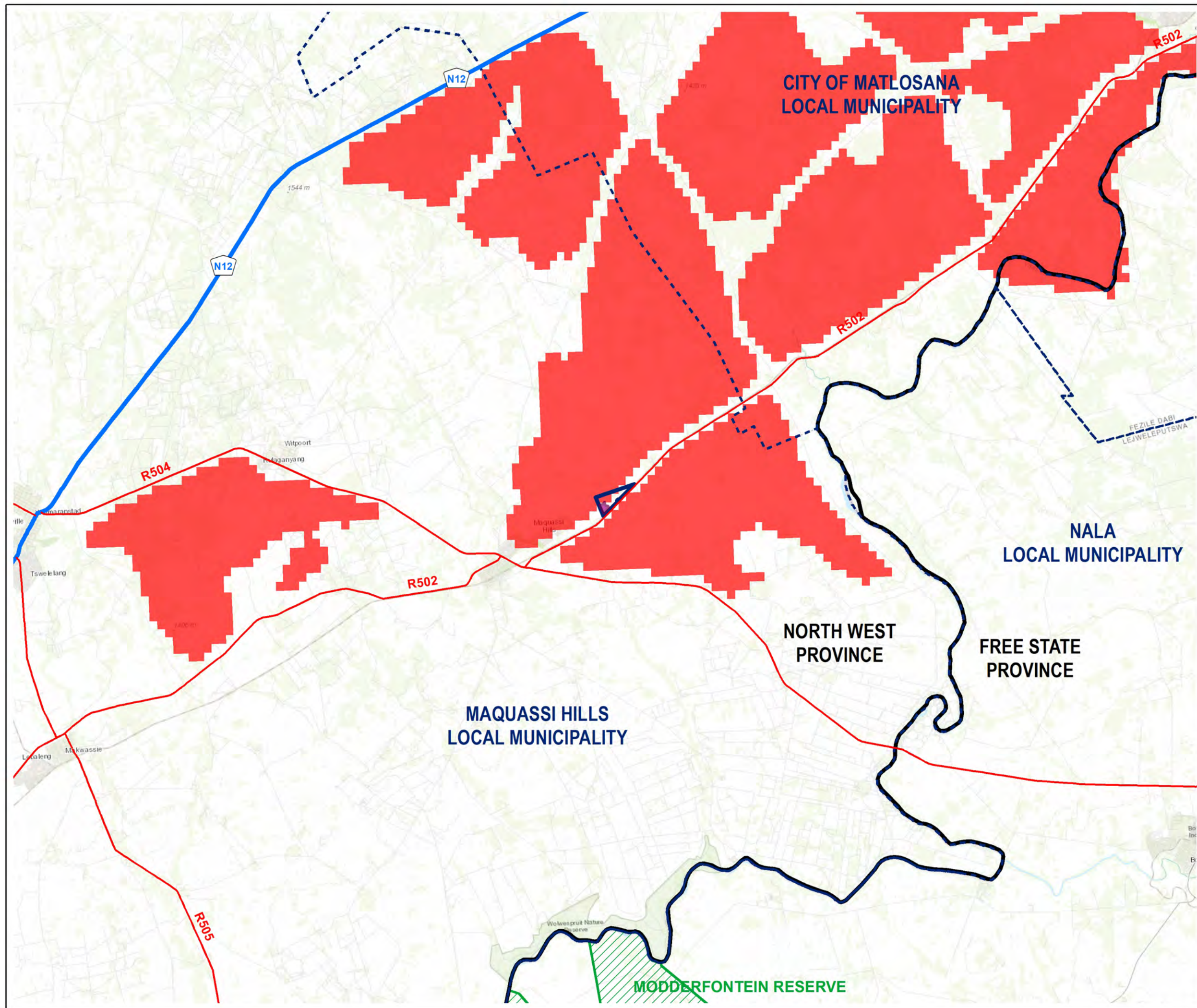
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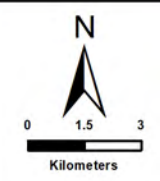
**PROPOSED
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A SOLAR PHOTOVOLTAIC
(PV) ENERGY FACILITY**
LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE
PROTECTED AREAS

Legend

- Main Roads
- National Route (N12)
- Local Municipal Boundaries
- NPAES
- Protected Areas
- Leeumax PV Area (previously Leeubosch)
- PV Application Site



Source:
ESKOM, 2012
NORTH WEST TERRESTRIAL
CRITICAL BIODIVERSITY AREAS, 2015

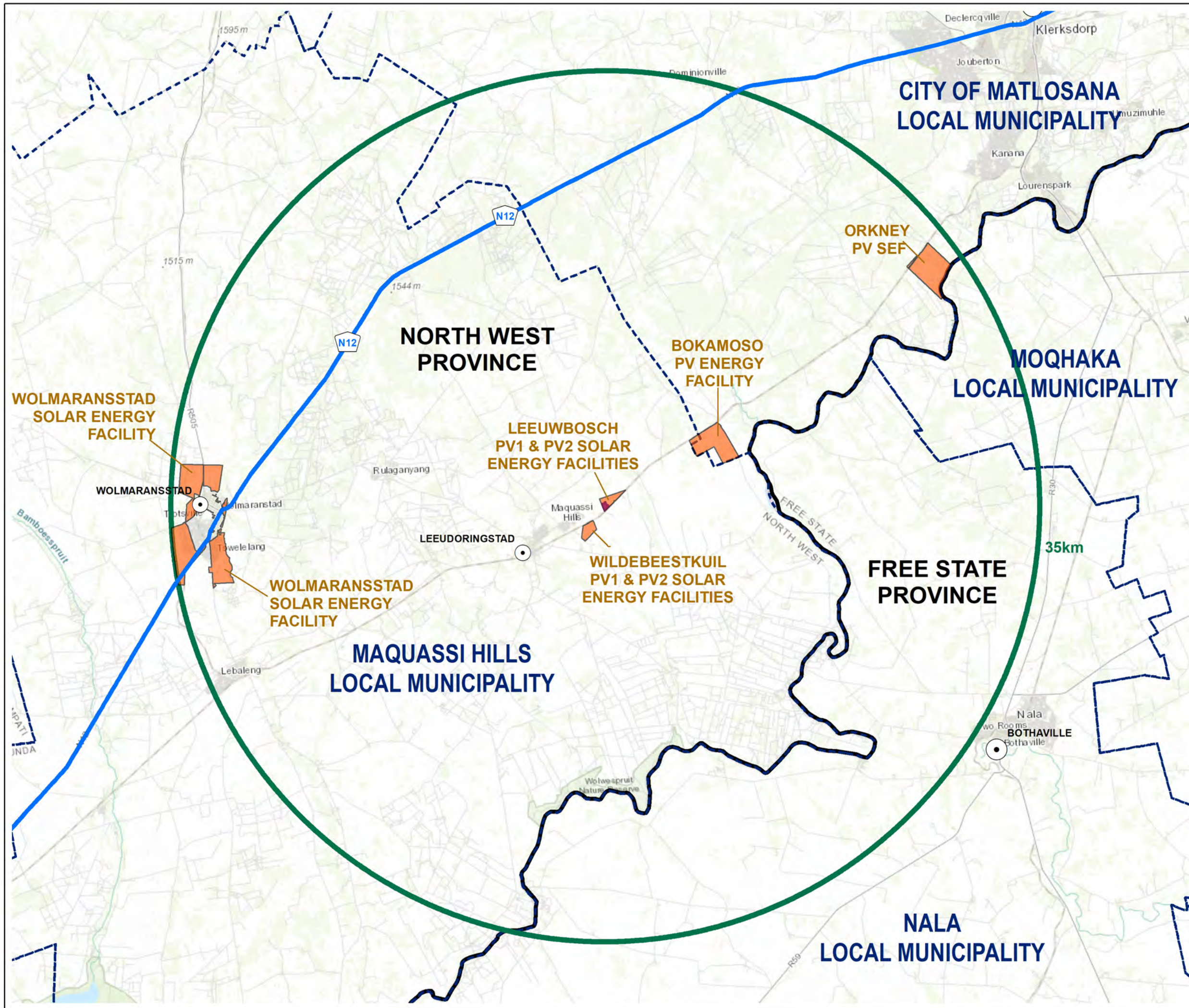


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PROPOSED CONSTRUCTION OF A SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY
LEEUMAX SOLAR PV PROJECT NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE
RENEWABLE ENERGY PROJECTS (EXISTING AND PROPOSED)

- Legend**
- Main Towns
 - National Route (N12)
 - Local Municipal Boundaries
 - Provincial Boundary
 - Leeumax PV Area (previously Leeubosch)
 - 35km Radius
- Renewable Energy Sites**
- Solar PV

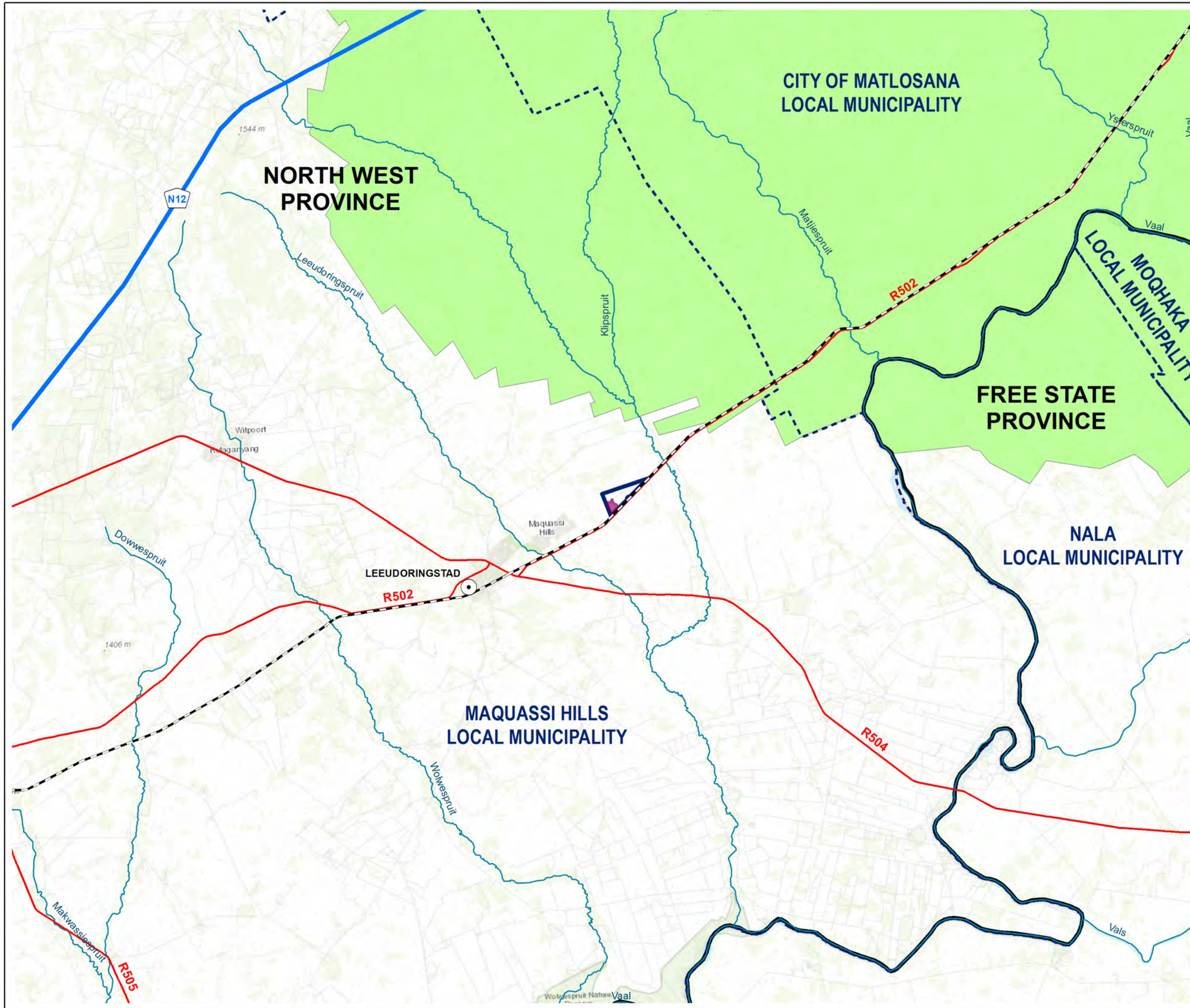
Source:
 DEFF, 2020
 NGI, 2014
 MUNICIPAL DEMARCATION BOARD, 2016

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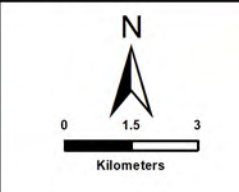


PROPOSED CONSTRUCTION OF A SOLAR PHOTOVOLTAIC (PV) ENERGY FACILITY
LEEUMAX SOLAR PV PROJECT
 NEAR LEEUDORINGSTAD
 NORTH WEST PROVINCE
 RENEWABLE ENERGY DEVELOPMENT ZONES

Legend

- Main Towns
- Local Municipal Boundaries
- Provincial Boundary
- National Route (N12)
- Main Roads
- Railway
- Rivers
- Klerksdorp - REDZ10
- Leeumax PV Area (previously Leeubosch)
- PV Application Site

Source:
 DFFE, 2021
 MUNICIPAL DEMARCATION BOARD, 2016
 NGI, 2014
 NFEPA, 2011

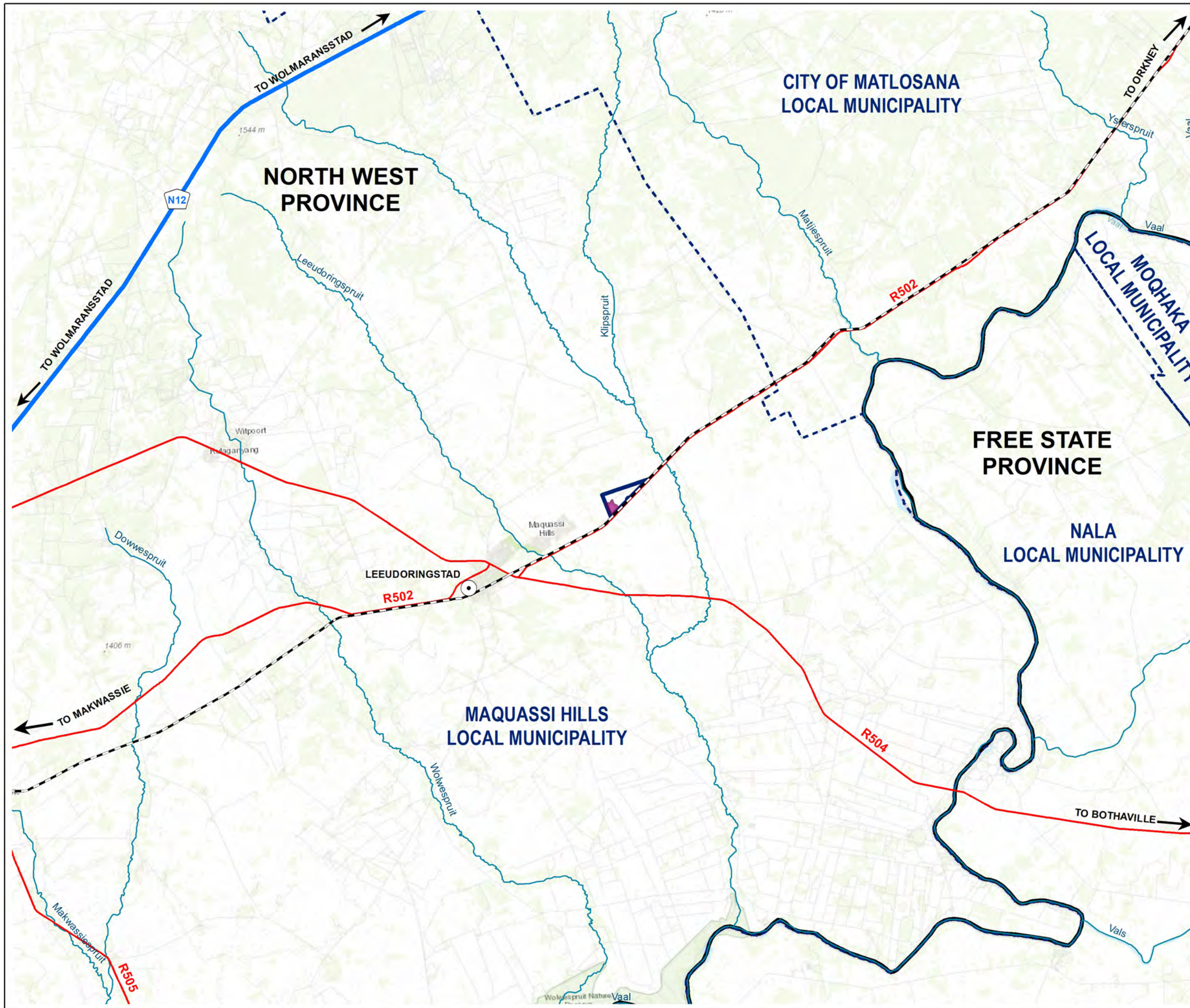


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


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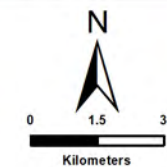


**PROPOSED
CONSTRUCTION OF
A SOLAR PHOTOVOLTAIC
(PV) ENERGY FACILITY**
**LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE
REGIONAL CONTEXT**

Legend

-  Main Towns
-  Main Roads
-  National Route (N12)
-  Railway
-  Rivers
-  Local Municipal Boundaries
-  Provincial Boundary
-  Leeumax PV Area (previously Leeubosch)
-  PV Application Site

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



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**PROPOSED
CONSTRUCTION OF
A SOLAR PHOTOVOLTAIC
(PV) ENERGY FACILITY**







LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE

SENSITIVITY LAYOUT

Legend

-  Main Roads
-  PV Application Site

Proposed SEF Components

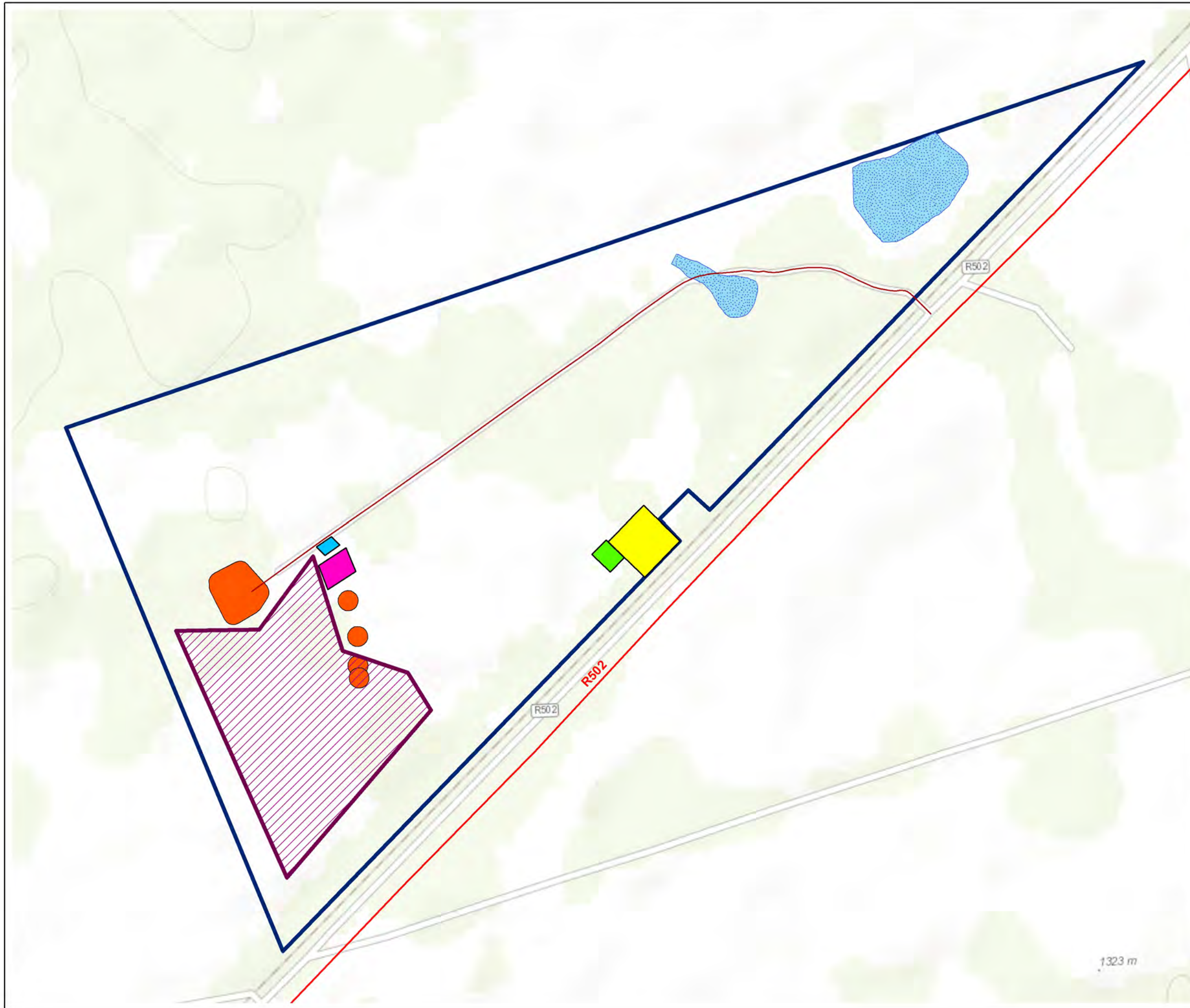
-  Existing Roads
-  Substation (already approved)
-  Temporary building zone
-  Guard House
-  33kV switching station
-  Leeumax PV Area (previously Leeubosch)

Environmental Sensitivities (No-Go)

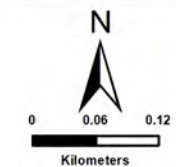
-  Aquatic

Sensitivities

-  Heritage



Source:
NGI, 2014



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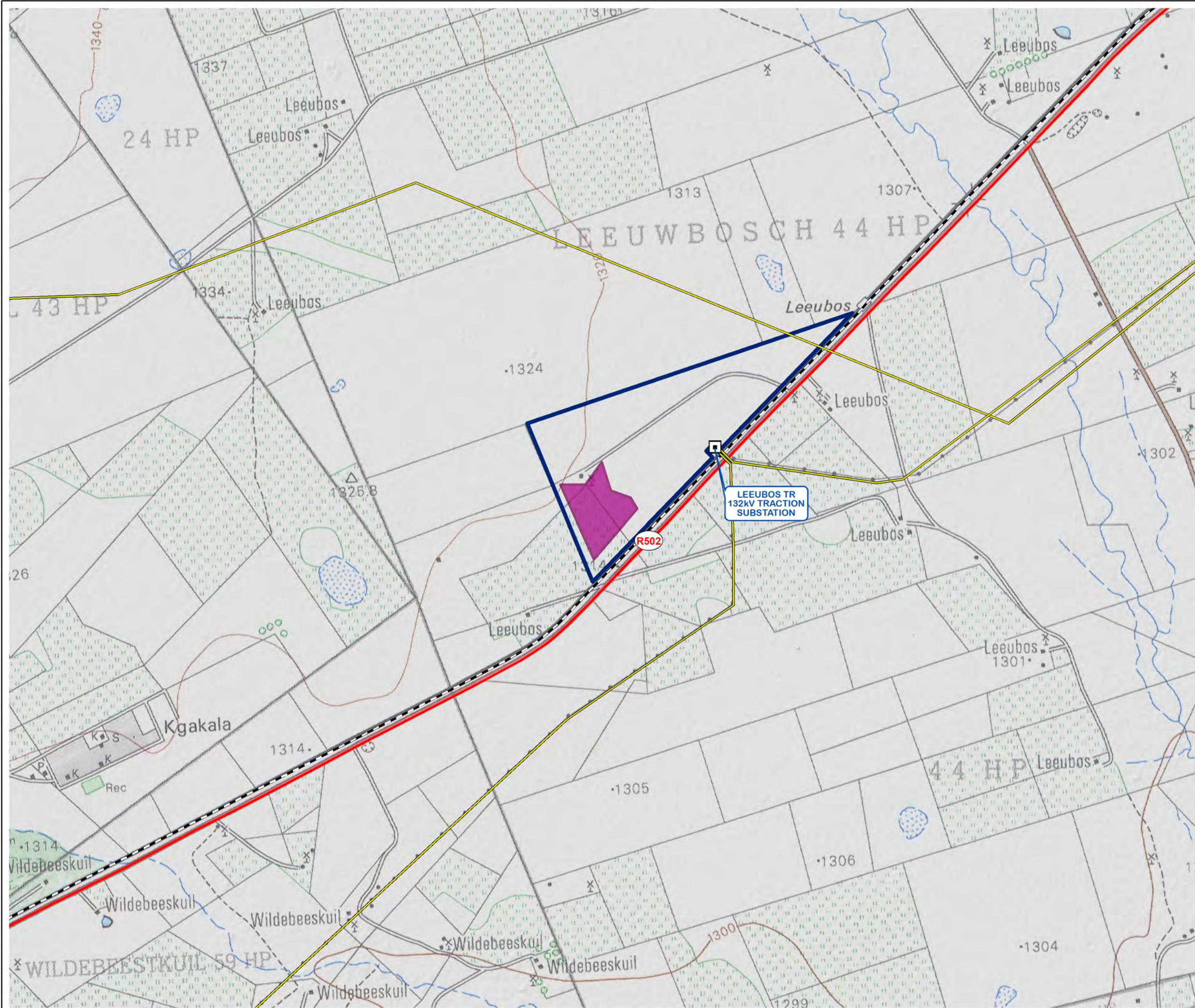
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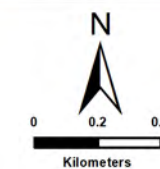
**PROPOSED
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A SOLAR PHOTOVOLTAIC
(PV) ENERGY FACILITY**
**LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE
SITE LOCALITY**

Legend

- Main Road
- Railway
- Existing High Voltage Power Lines (132 & 400kV)
- Existing Substation
- Leeumax PV Area (previously Leeubosch)
- PV Application Site



Source:
NGI, 2014
ESKOM, 2012



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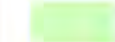
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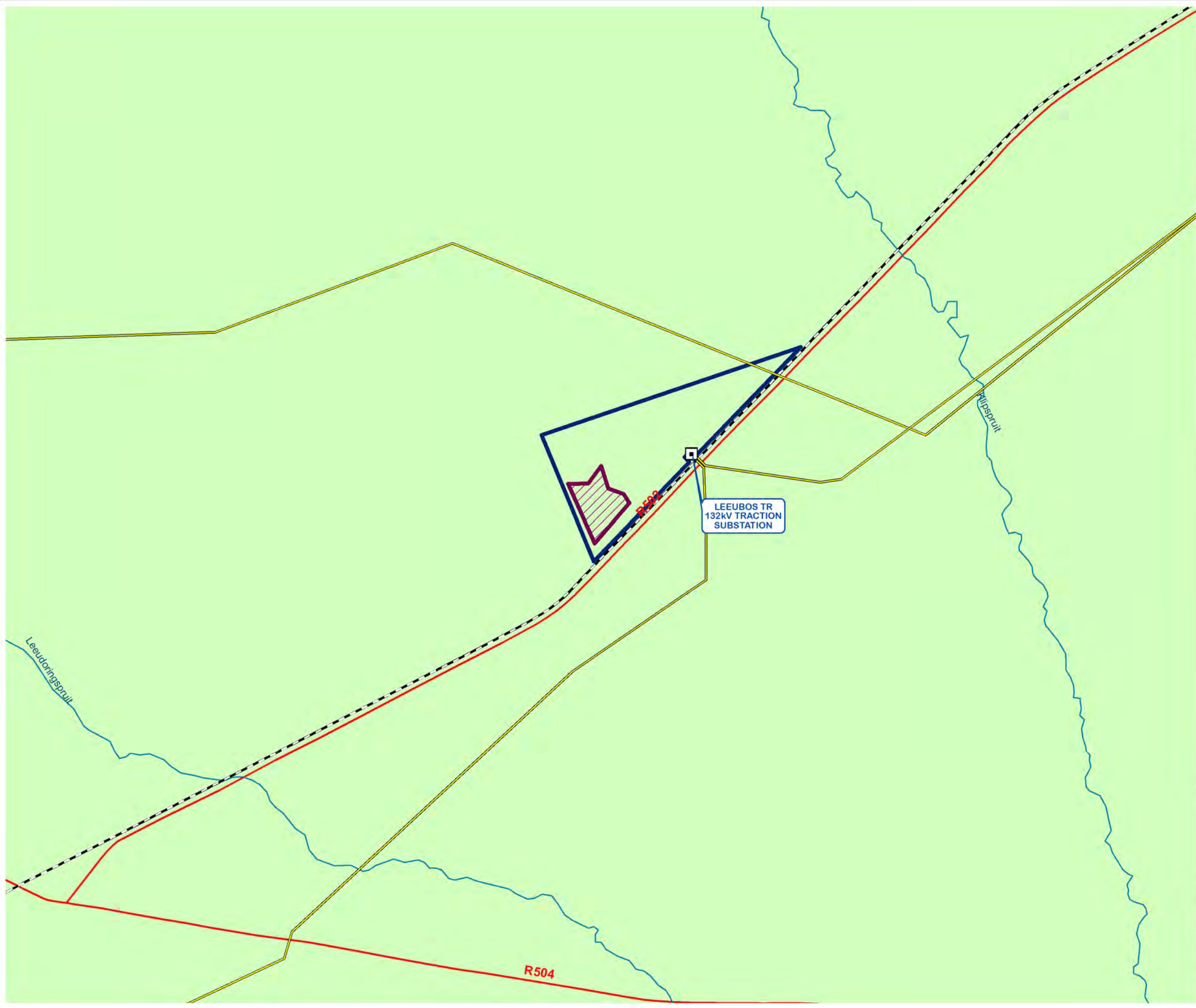
**PROPOSED
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LEEUMAX SOLAR PV PROJECT
NEAR LEEUDORINGSTAD
NORTH WEST PROVINCE

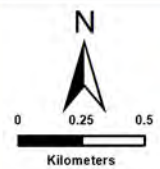
VEGETATION CLASSIFICATION

Legend

-  Main Roads
 -  Railway
 -  Rivers
 -  Existing High Voltage Power Lines (132 & 400kV)
 -  Existing Substation
 -  Leeumax PV Area (previously Leeubosch)
 -  PV Application Site
- Vegetation Classification**
-  Vaal-Vet Sandy Grassland



Source:
SANBI, 2018
NFEPA, 2011



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