








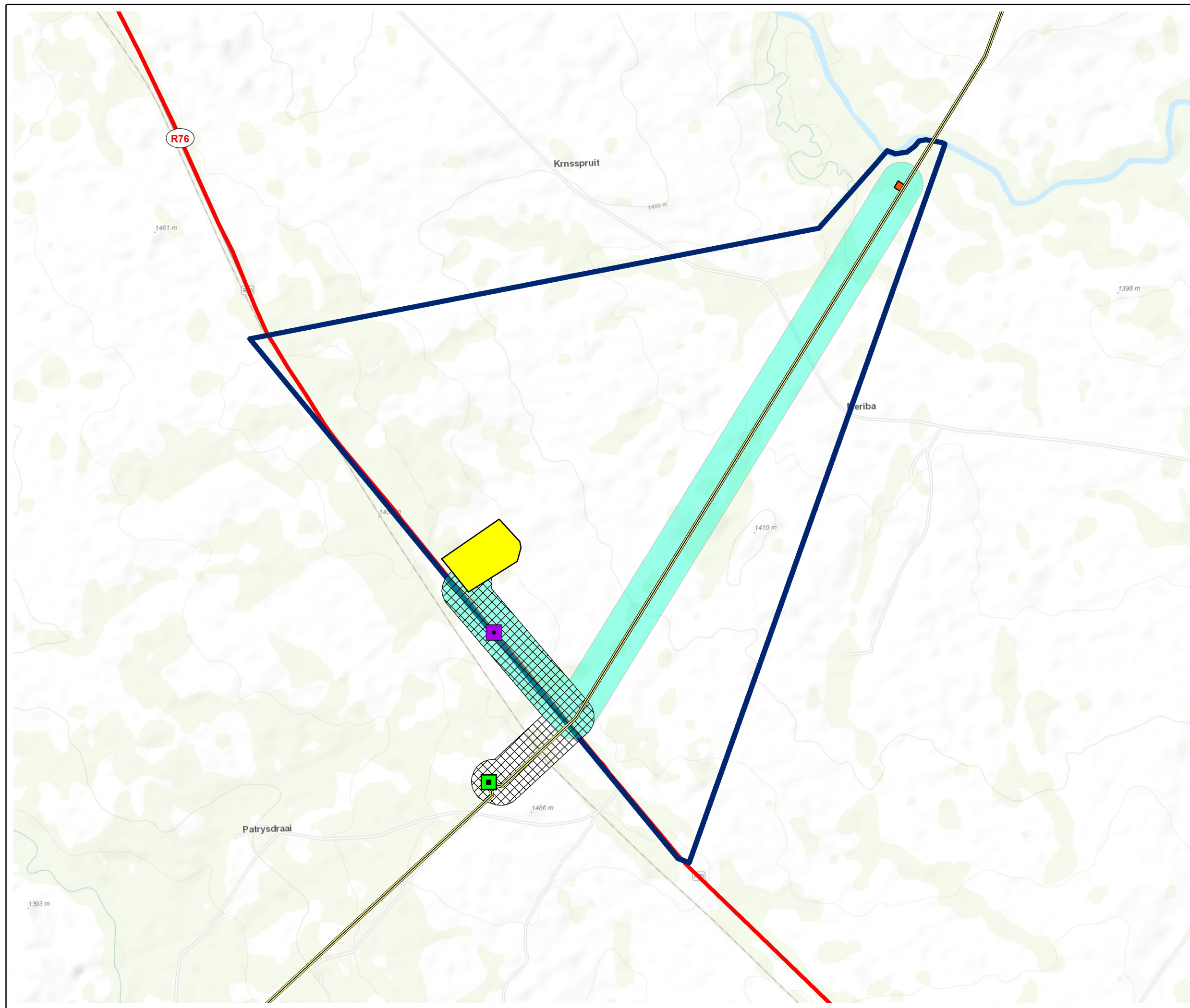


**PROPOSED  
GRID CONNECTION  
FOR THE BONSMARA  
SOLAR PV FACILITY  
NEAR  
KROONSTAD,  
FREE STATE PROVINCE  
PROPOSED LAYOUT**

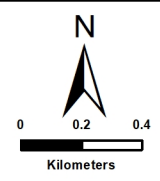
**Legend**

-  Arterial Route
-  Existing High Voltage Power Lines (132kV)
-  Kroonstad Switching Station (existing)
-  Bonsmara PV Application Site
-  Access Road
-  Grid Connection Assessment Corridor (preferred)
-  Grid Connection Assessment Corridor (alternative)
-  Substation
-  Switching Station

**Proposed Grid Connection**



Source:  
NGI, 2014  
ESKOM, 2012



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<b>Project No</b> 17869	<b>Prepared By</b> SB	<b>Date</b> 26/04/2023
<b>Map Ref No</b> 17869	<b>Revision</b> 0	<b>Date</b> 

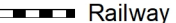

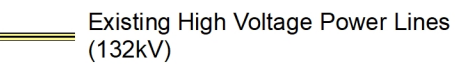
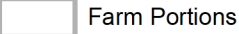
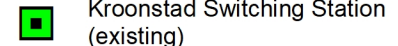
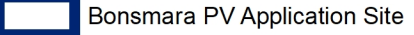

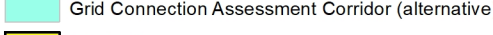
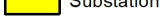
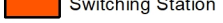
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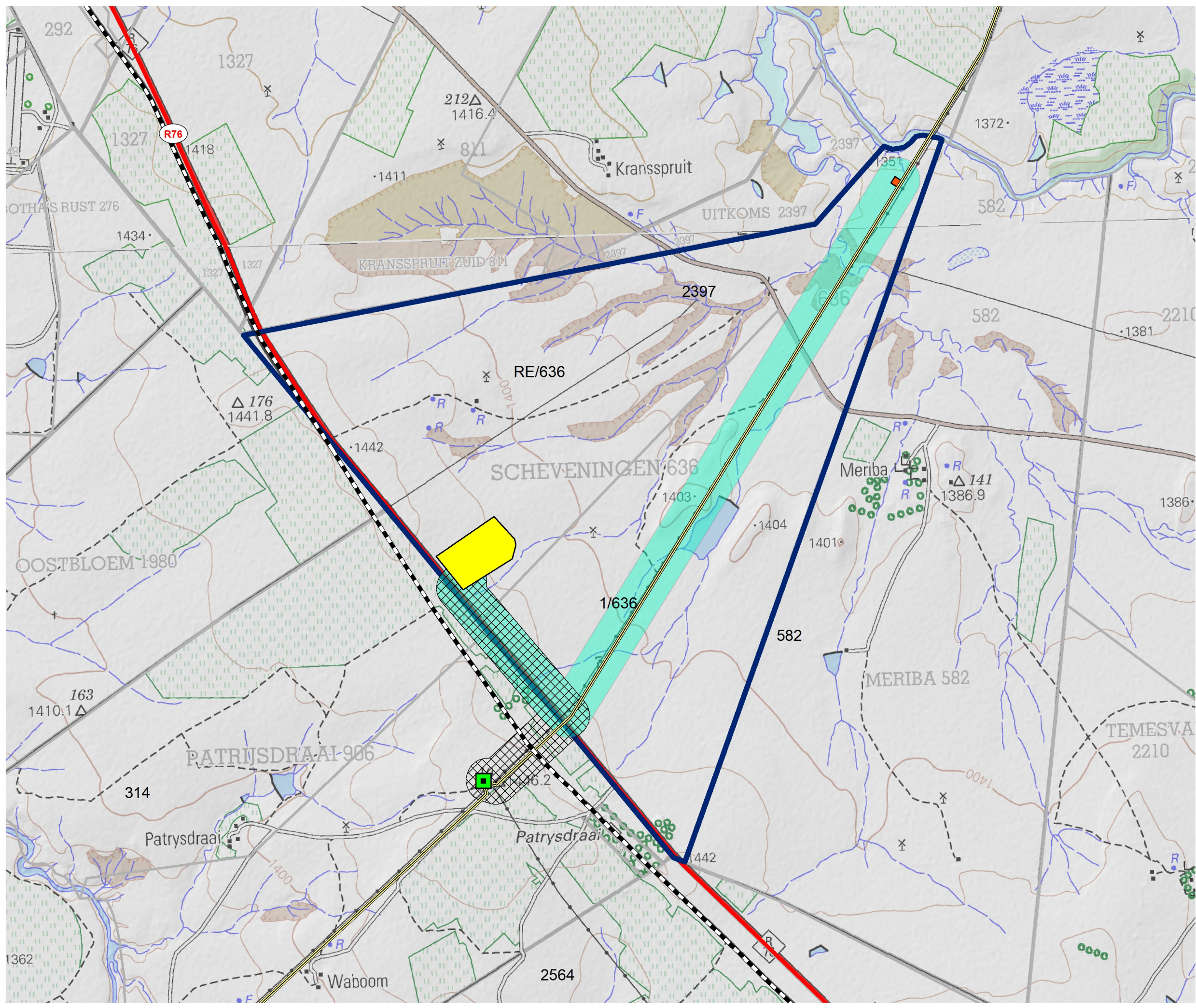
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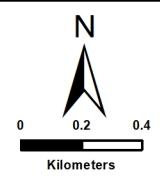
**PROPOSED  
GRID CONNECTION  
FOR THE BONSMARA  
SOLAR PV FACILITY  
NEAR  
KROONSTAD,  
FREE STATE PROVINCE  
ROUTE ALIGNMENT**

**Legend**

-  Railway
  -  Arterial Route
  -  Existing High Voltage Power Lines (132kV)
  -  Farm Portions
  -  Kroonstad Switching Station (existing)
  -  Bonsmara PV Application Site
- Proposed Grid Connection**
-  Grid Connection Assessment Corridor (preferred)
  -  Grid Connection Assessment Corridor (alternative)
  -  Substation
  -  Switching Station



Source:  
NGI, 2014  
ESKOM, 2012



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<b>Project No</b> 17869	<b>Prepared By</b> SB	<b>Date</b> 17/04/2023
<b>Map Ref No</b> 17869	<b>Revision</b> 0	<b>Date</b> 





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**PROPOSED  
GRID CONNECTION  
FOR THE BONSMARA  
SOLAR PV FACILITY  
NEAR  
KROONSTAD,  
FREE STATE PROVINCE  
SENSITIVITY LAYOUT**





**Legend**

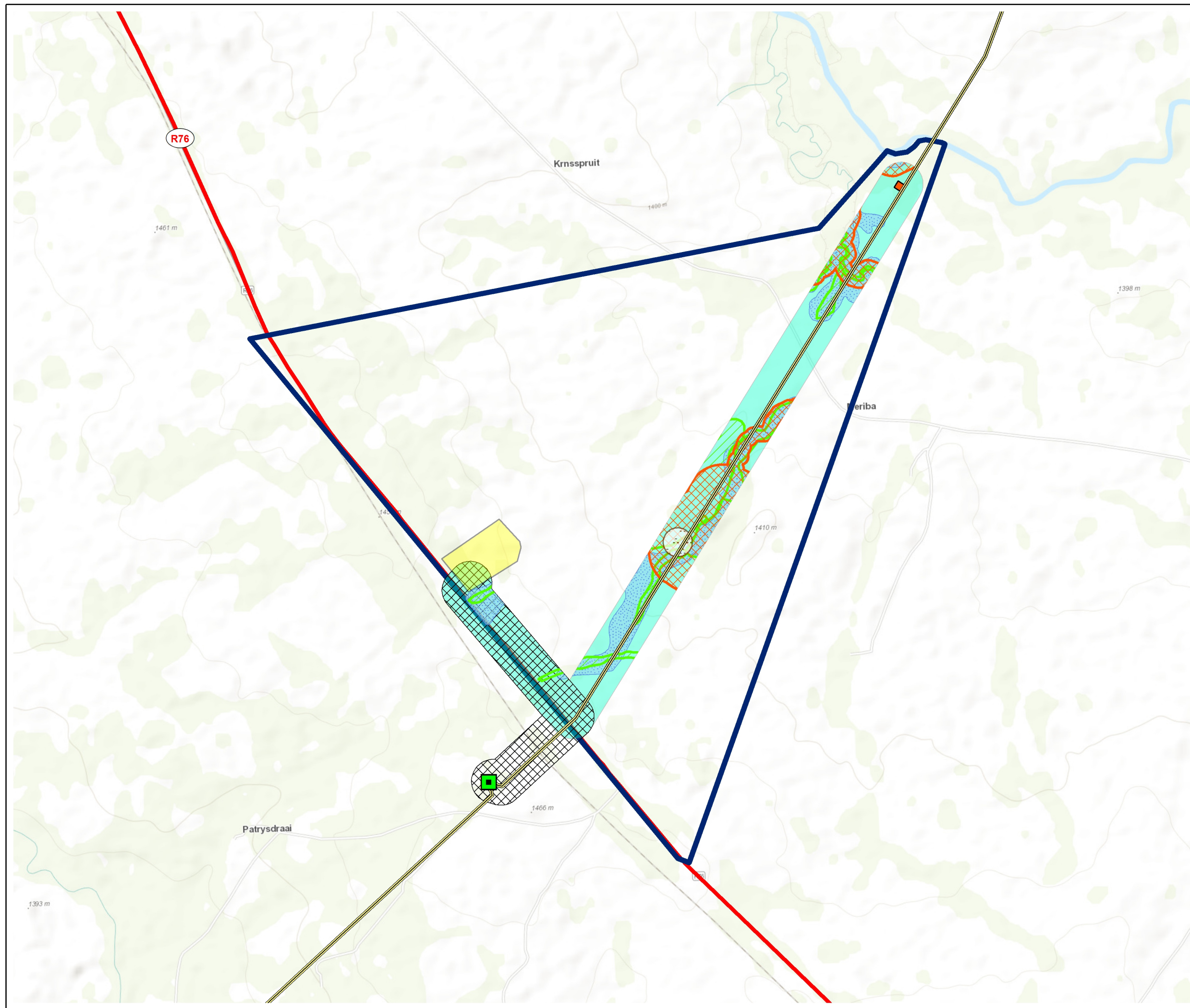
-  Arterial Route
-  Existing High Voltage Power Lines (132kV)
-  Kroonstad Switching Station (existing)
-  Bonsmara PV Application Site

**Proposed Grid Connection**

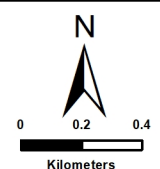
-  Grid Connection Assessment Corridor (preferred)
-  Grid Connection Assessment Corridor (alternative)
-  Substation
-  Switching Station

**Environmental Sensitivities (No-Go)**

-  Aquatic Sensitivity
-  Avifauna Sensitivity
-  Heritage Sensitivity
-  Terrestrial Sensitivity



Source:  
NGI, 2014  
ESKOM, 2012



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