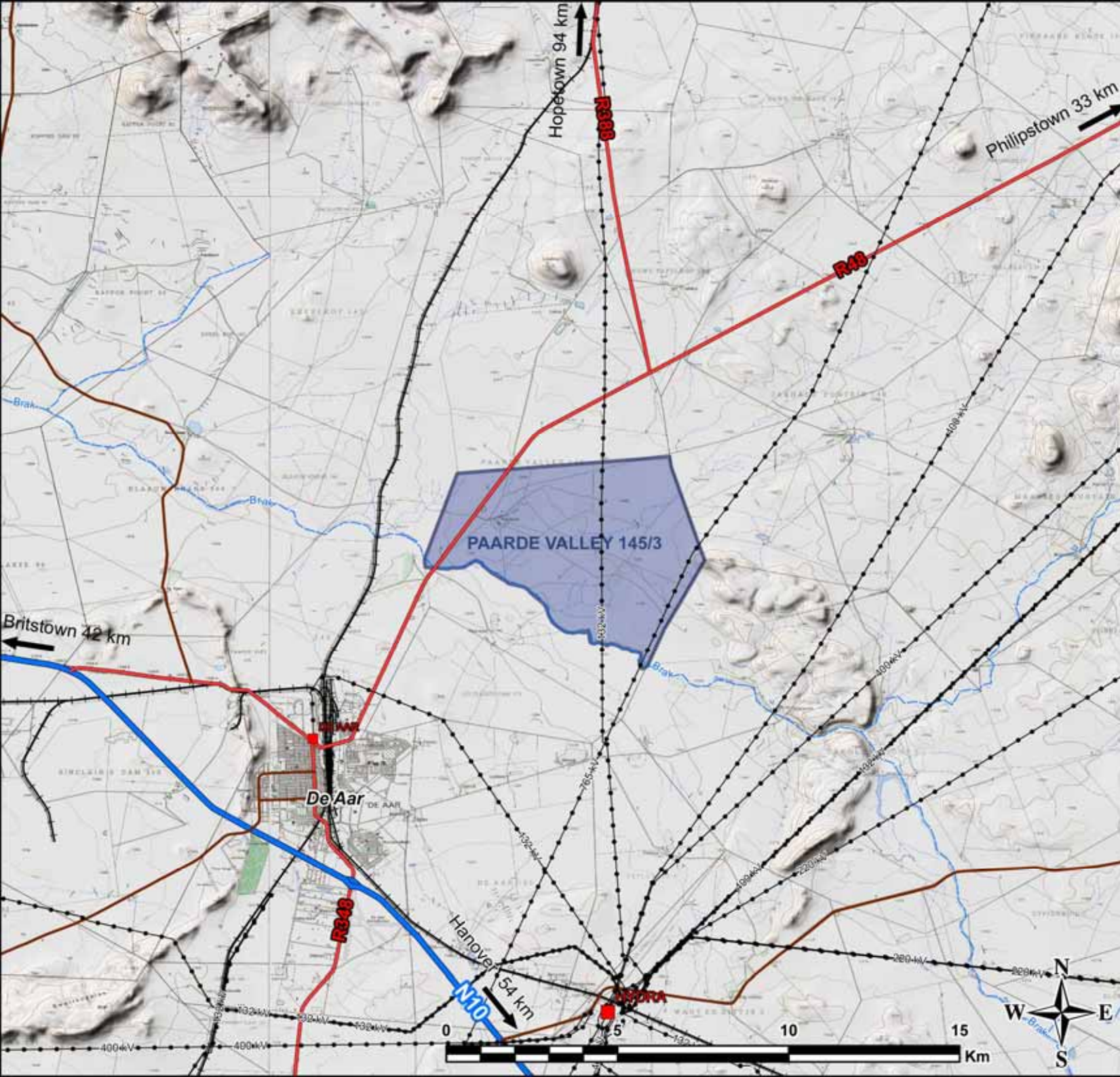


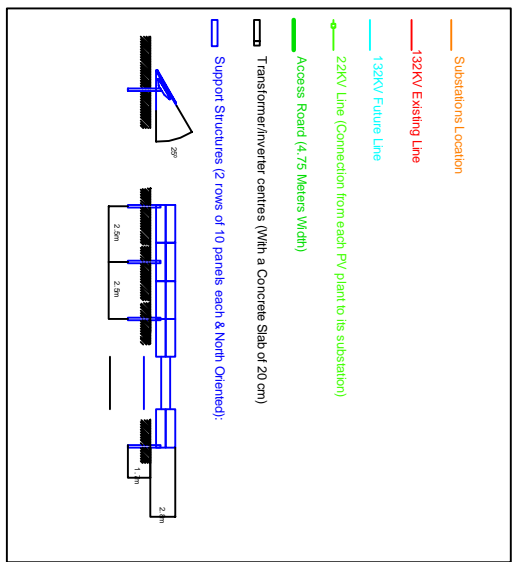
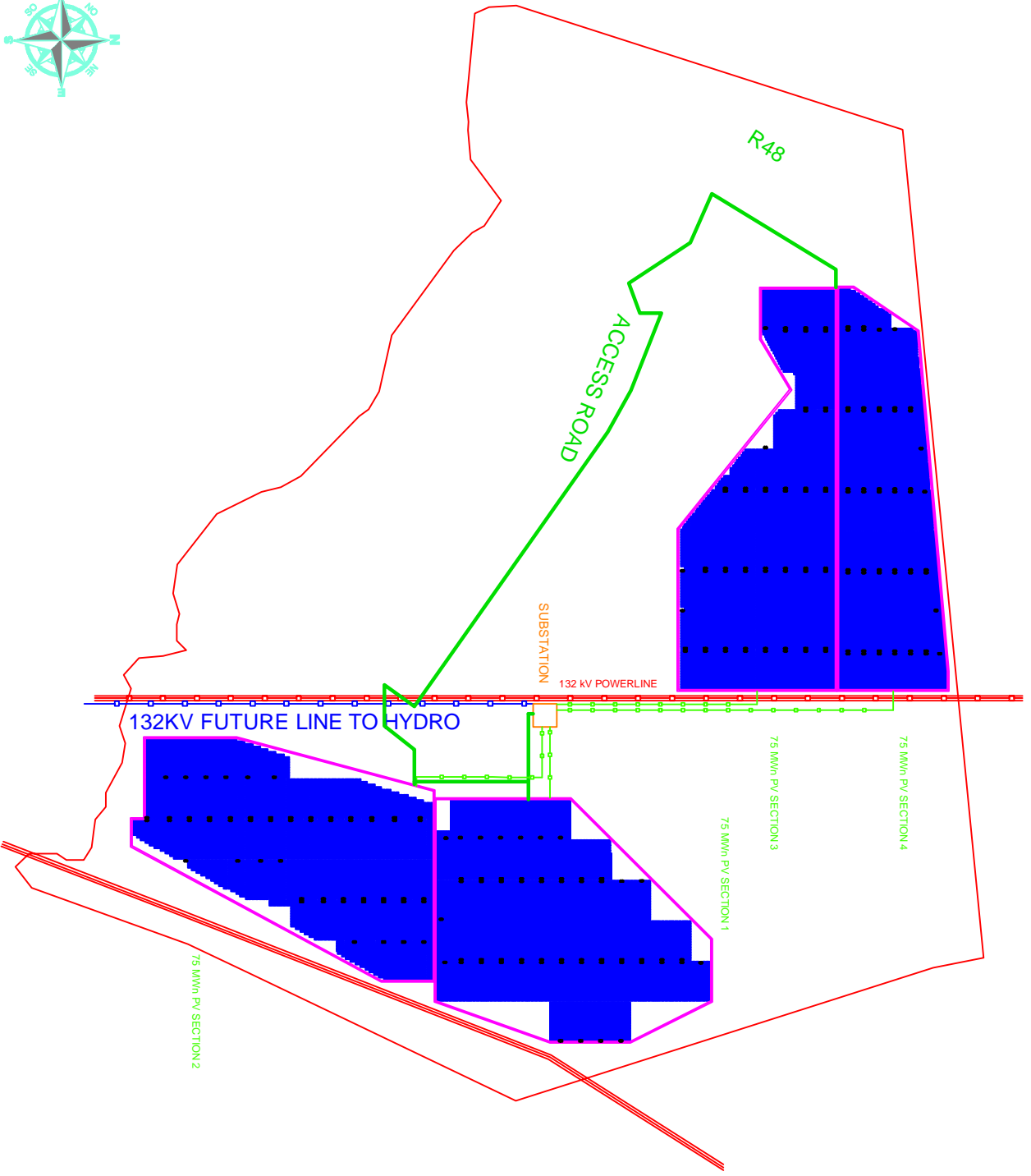
De Aar Solar Energy Facility

Locality Map

Legend

- Substation
- Transmission Substation
- Power Line
- National Road
- Regional Road
- Secondary Road
- Railway Line
- Perennial River
- Non-perennial River
- Farm Portions





Notes:

Phases:

Phase I 75MWp	Phase II 75MWp	Phase III 75MWp	Phase IV 75MWp
---------------	----------------	-----------------	----------------

Type of module: Sunedn235Wp (or similar)

No. Structures per phase: 18300

Total Structures installed: 73200

No.1 modules installed per phase: 366000

Total modules installed: 1464000

Transformer/Inverter centres x phase: 56 pcs

Total Transformer/Inverter centres: 224

Inverter power (2 units per centre): 667 kW

Transformer power: 1600kVA

Installed power per phase: 86 MWp (75 MVA)

Total installed power: 344 MWp (300 MVA)

Area for PV installation:

Phase I -> 220 Ha (approx.)	Phase II -> 210 Ha (approx.)
Phase III -> 194 Ha (approx.)	Phase IV -> 155 Ha (approx.)

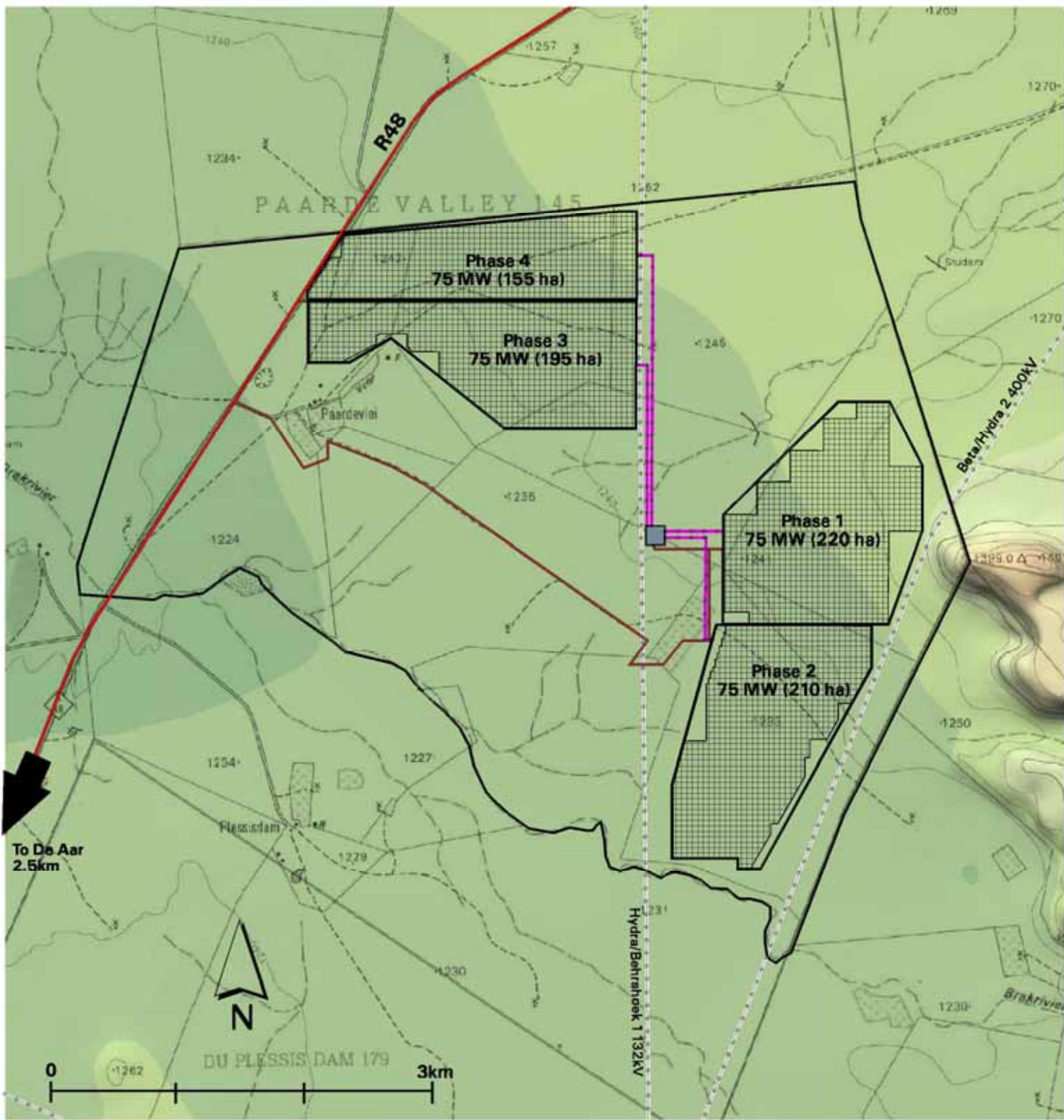
No warranty is given in this document, and the information contained herein is solely for reference.

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DESIGNER	DATE	FOR	BY
APPROVED BY	DATE	FOR	BY
DESIGNER	DATE	FOR	BY
APPROVED BY	DATE	FOR	BY

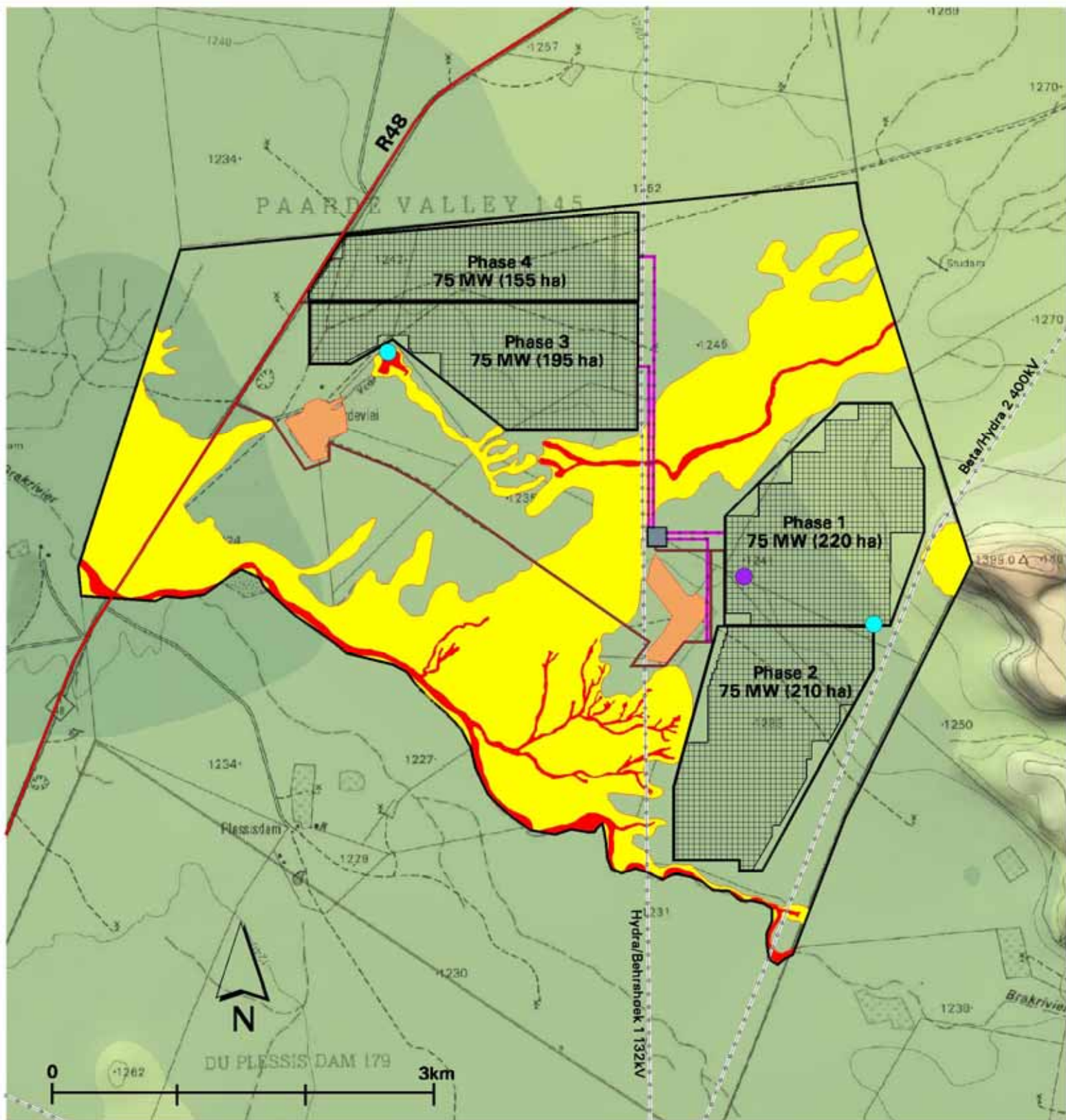
ABB Asea Brown Boveri

Construction Layout Area for 18 Months for Acr PV plant



PROPOSED SOLAR CAPITAL ILANGA LETHEMBA SOLAR ENERGY FACILITY

- PROPOSED PV PLANT LAYOUT**
-  Photovoltaic panels
 -  Access road (existing)
 -  New overhead power line
 -  Substation



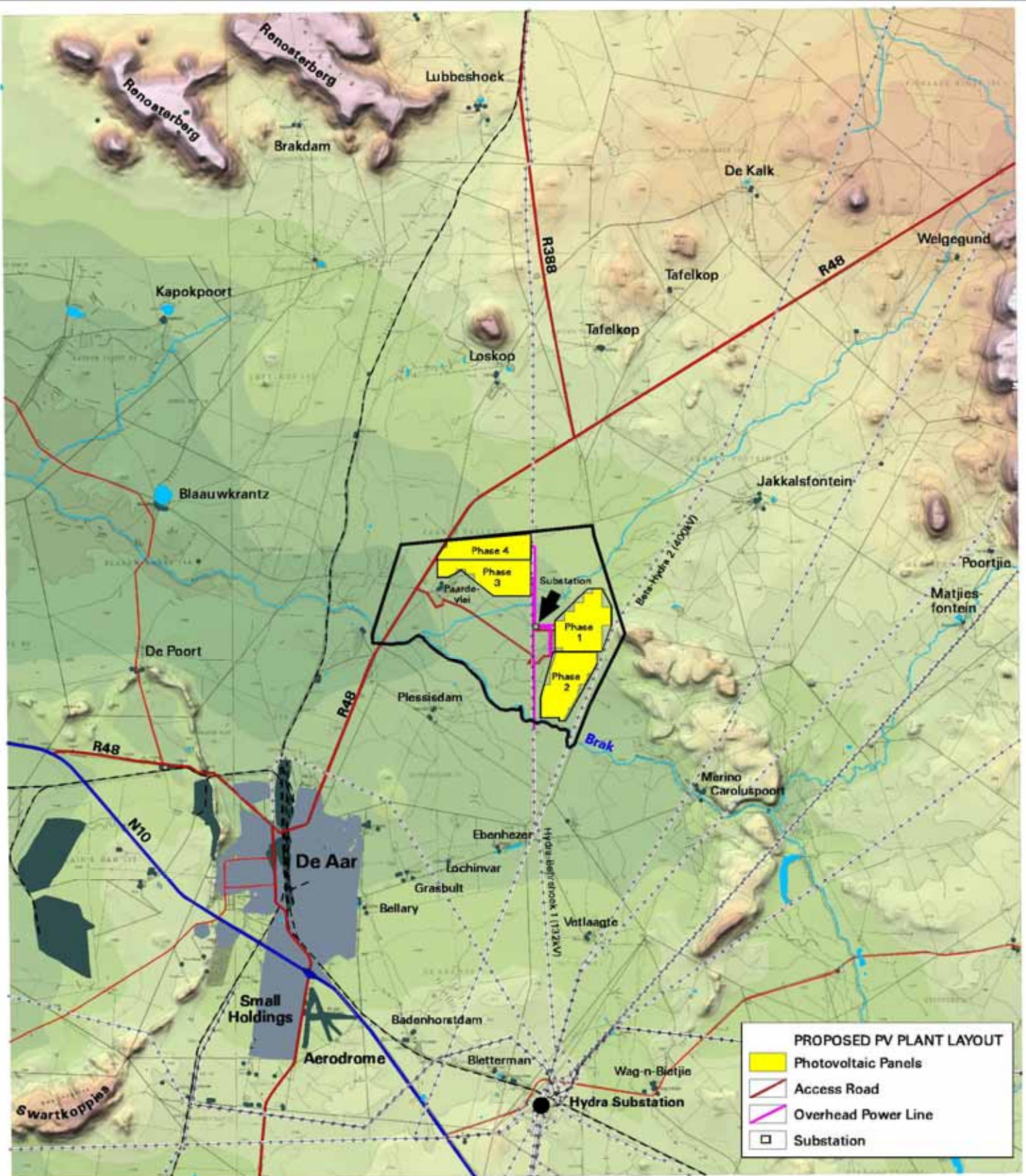
PROPOSED SOLAR CAPITAL ILANGA LETHEMBA SOLAR ENERGY FACILITY

EIA PHASE ENVIRONMENTAL SENSITIVITY MAP

- High ecological sensitivity
- Moderate ecological sensitivity
- Irrigated agricultural fields
- High cultural/historical sensitivity (exclusion zone)
- Low cultural/historical sensitivity (permit required for sampling)

PROPOSED PV PLANT LAYOUT

- Photovoltaic panels
- Access road (existing)
- New overhead power line
- Substation



PROPOSED PV PLANT LAYOUT

- Photovoltaic Panels
- Access Road
- Overhead Power Line
- Substation

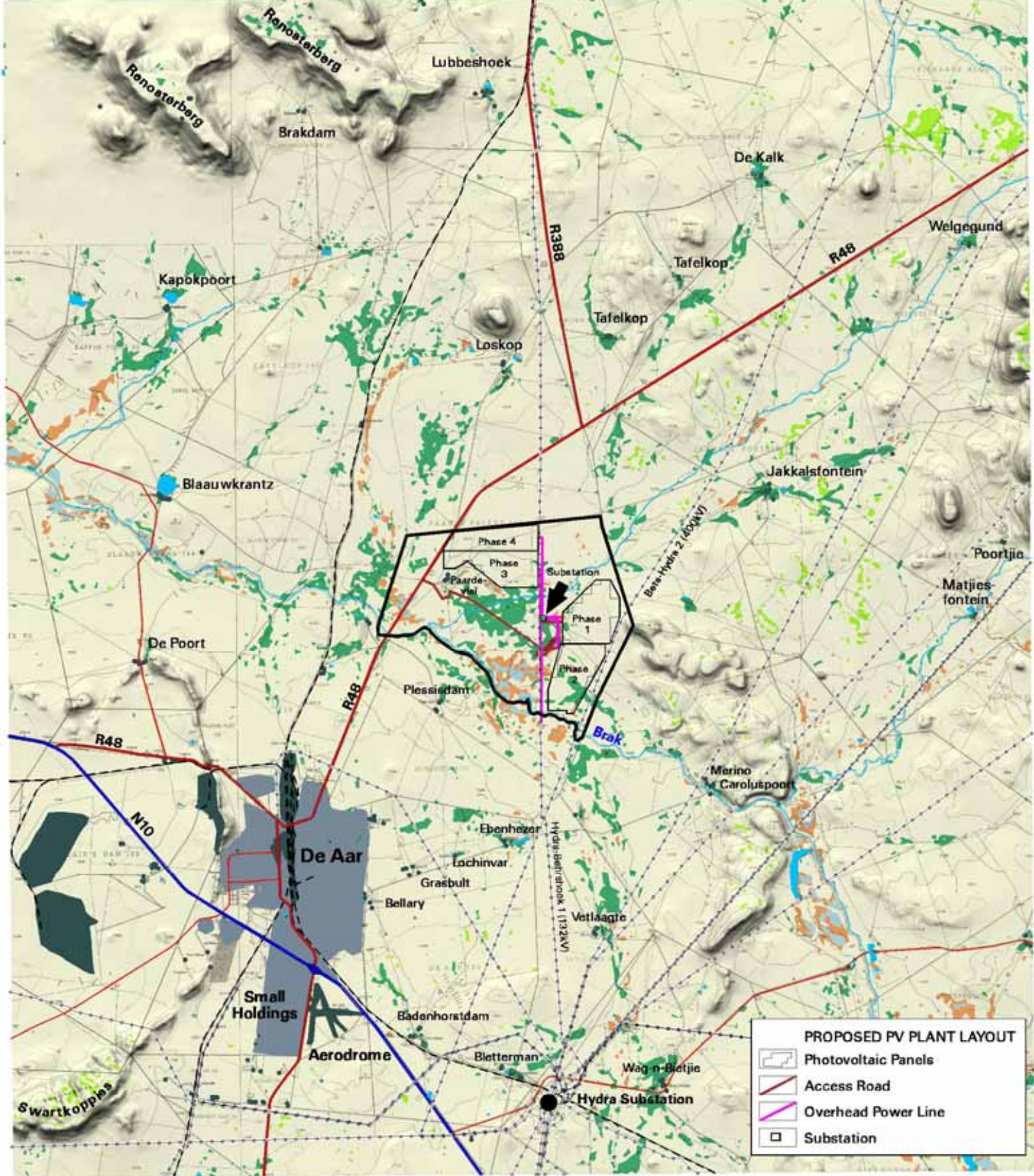
- Proposed development site identified for the De Aar Photovoltaic Plant
- National Road
- Arterial/Main Road
- Secondary Road
- Town/Built-up Area
- Industrial/Transportation Area
- Major River
- Dam/Waterbody
- Farmstead/Homestead/Structure
- Major Power Line
- Substation
- Railway Line

SHADED RELIEF/ELEVATION ABOVE SEA LEVEL (m)

	1200		1400		1600
	1225		1425		1625
	1250		1450		1650
	1275		1475		1675
	1300		1500		1700
	1325		1525		1725
	1350		1550		
	1375		1575		

**Proposed Solar Capital
Ilanga Lethemba PV
Solar Energy Facility**





- Proposed development site identified for the De Aar Photovoltaic Plant
- National Road
- Arterial/Main Road
- Secondary Road
- Town/Built-up Area
- Industrial/Transportation Area
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- Major Power Line
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- Railway Line

- BROAD LANDCOVER/LAND USE PATTERNS**
- Thicket and Bushland
 - Shrubland
 - Grassland
 - Wetland
 - Degraded Land

PROPOSED PV PLANT LAYOUT

- Photovoltaic Panels
- Access Road
- Overhead Power Line
- Substation

Proposed Solar Capital Ilanga Lethemba PV Solar Energy Facility

