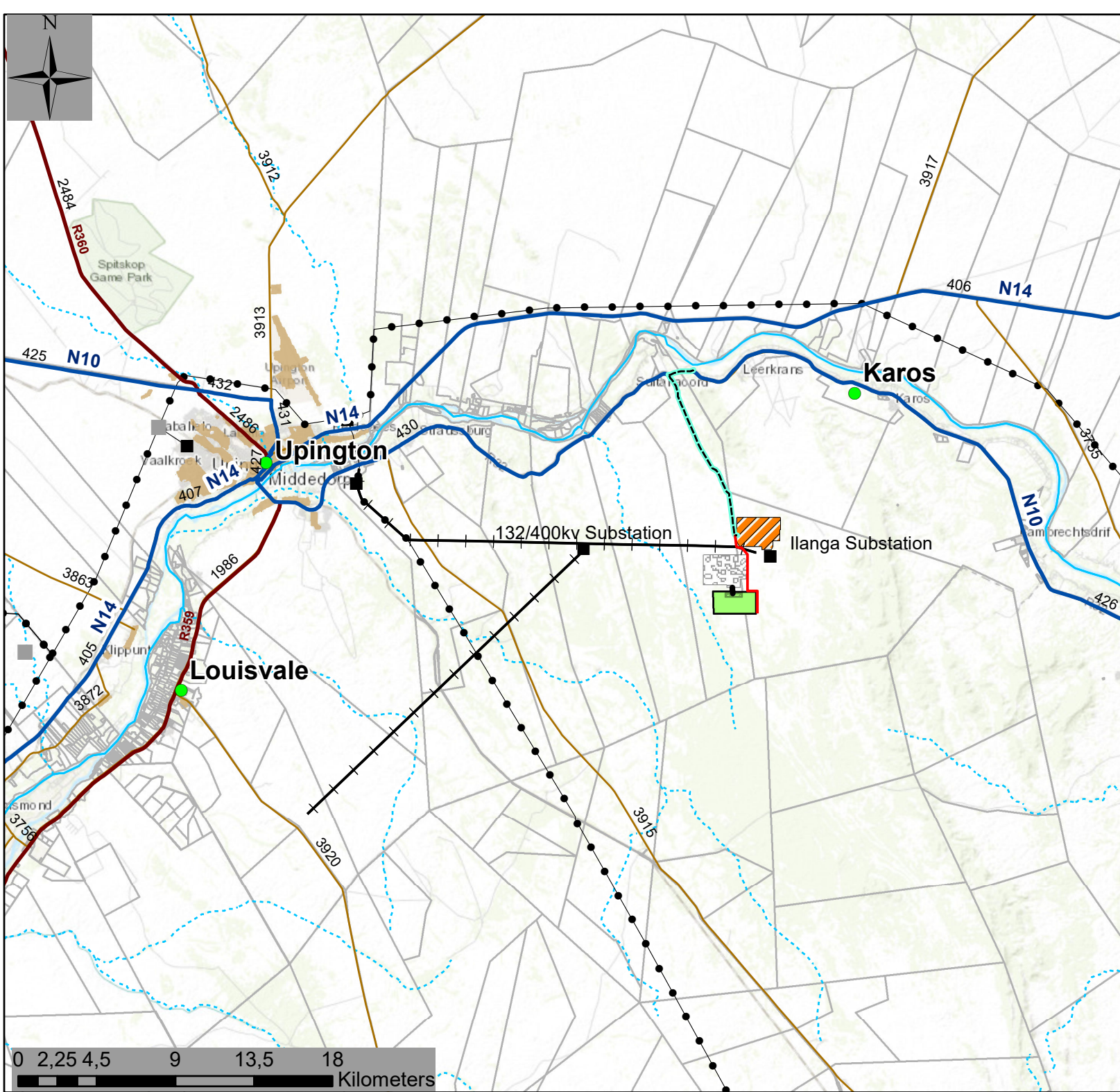


Upilanga Solar Park, Northern Cape Province

PV 1 100MW Locality Map

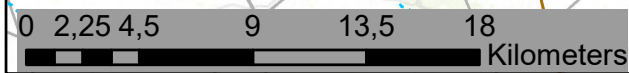


Legend

- Town
- Substations
- Switching Stations
- Authorised and operational Ilanga Water Pipeline
- Existing Power Line
- +— Authorised Powerlines
- - - Authorised and operational Ilanga Access Road
- Access Road
- National Road
- Regional Road
- Main Road
- Perennial River
- - - Non-perennial River
- Inverter Underground cable connection
- Invertors
- Ilanga Authorised CSP Site 1.4
- Ilanga Authorised 1 CSP - Operating
- PV 1 100MW (305,63 ha)
- Farm Portions
- Urban / Built-up Area

savannah
environmental

Scale: 1:300 000
Projection: GCS_Hartebeesthoek_1994
Ref: Upilanga PV 1 100MW Locality Map



Upilanga Solar Park, Northern Cape Province

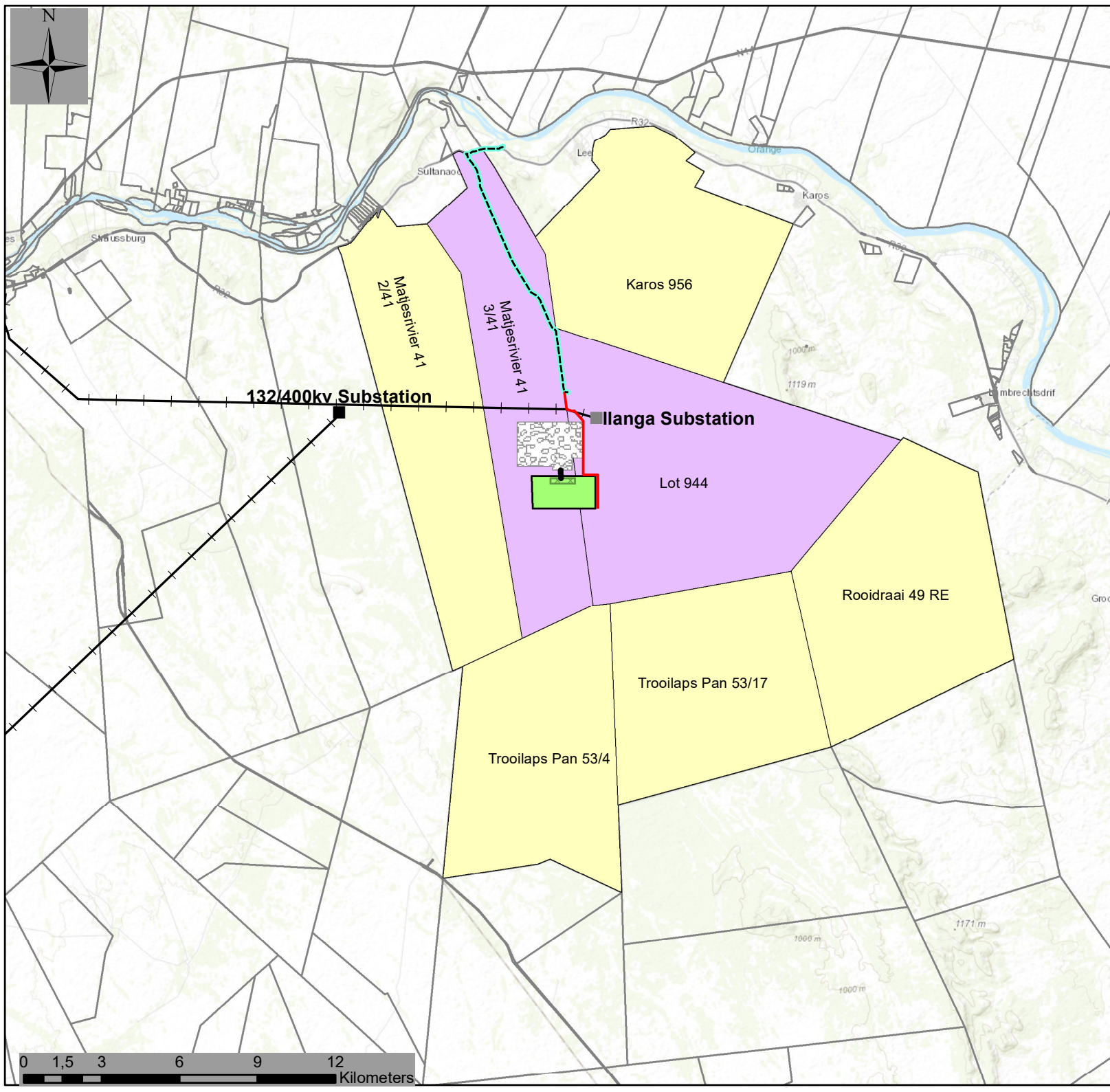
PV1 100MW Layout Map

Legend

- Ilanga Substation
- 132/400KV Substation
- Authorised and operational Ilanga Access Road
- Access Road
- Authorised and operational Ilanga Water Pipeline
- Authorised Powerlines
- Inverter Underground cable connection
- ☒ Invertors
- ☒ Ilanga Authorised CSP Site 1.4
- PV 1 100MW (305,63 ha)
- Affected Landowners
- Adjacent Landowners
- Farm Portions

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environmental

Scale: 1:200 000
Projection: GCS_Hartebeesthoek_1994
Ref: PV1 100MW Layout Map



Upilanga Solar Park, Northern Cape Province

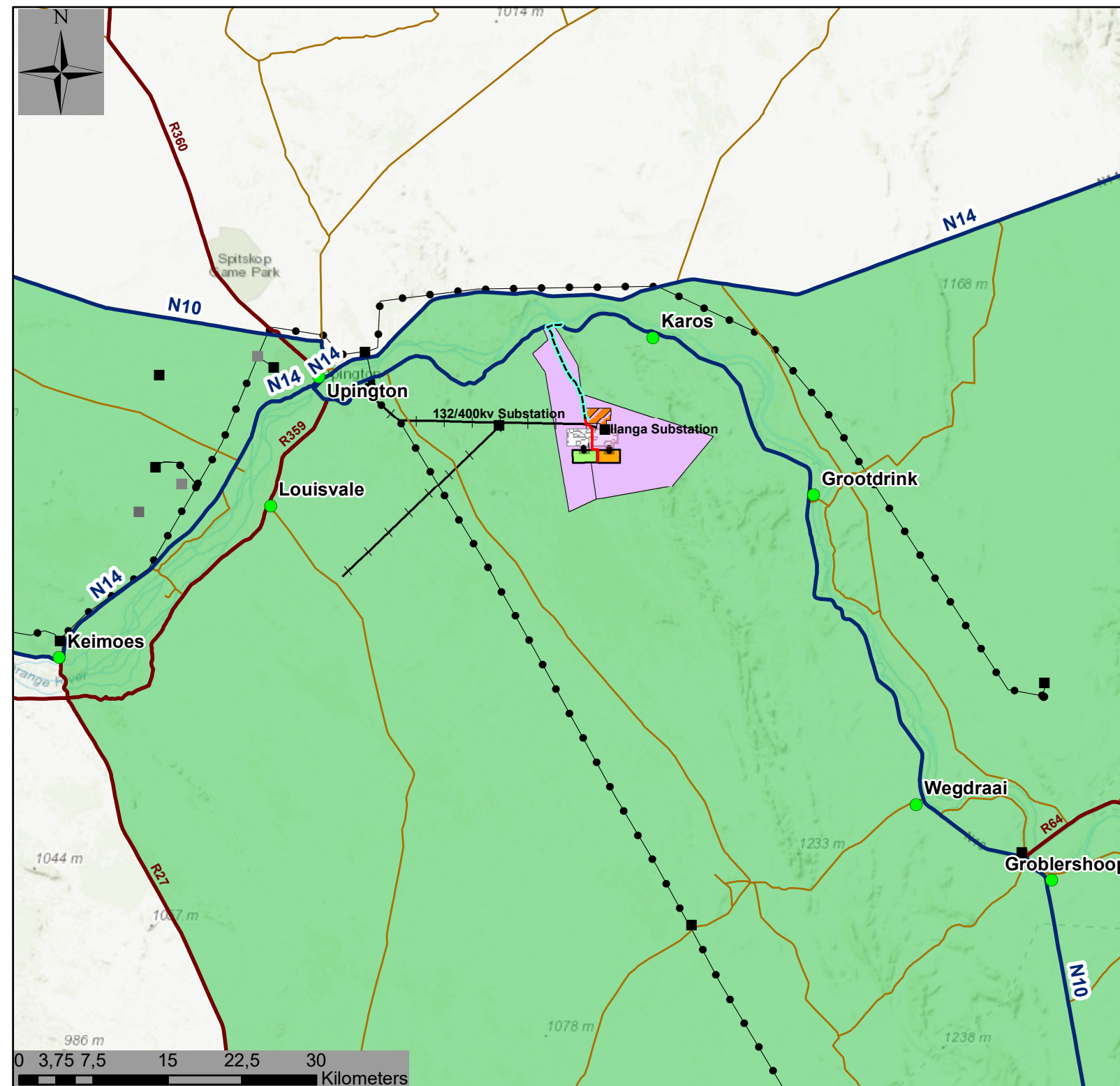
Renewable Energy Development Zone (REDZ)
Focus Area 7 - Upington

Legend

- Town
- Substations
- Switching Stations
- Existing Power Line
- Authorised Powerlines
- Authorised and operational Ilanga Water Pipeline
- - - Authorised and operational Ilanga Access Road
- Access Road
- National Road
- Regional Road
- Main Road
- Inverter Underground cable connection
- Invertors
- Ilanga Authorised 1 CSP - Operating
- Ilanga Authorised CSP Site 1.3
- Ilanga Authorised CSP Site 1.4
- PV 1 100MW (305,63 ha)
- PV 2 100MW (283,05 ha)
- Upilanga Solar Park Project Site
- Focus Area 7 - Upington

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environmental

Scale: 1:532 000
Projection: GCS Hartebeesthoek_1994
Ref: Upilanga REDZ Map 29.07.2020



Upilanga Solar Park, Northern Cape Province

Cumulative Map: Renewable Energy Developments

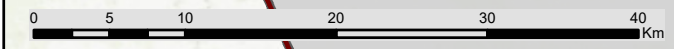
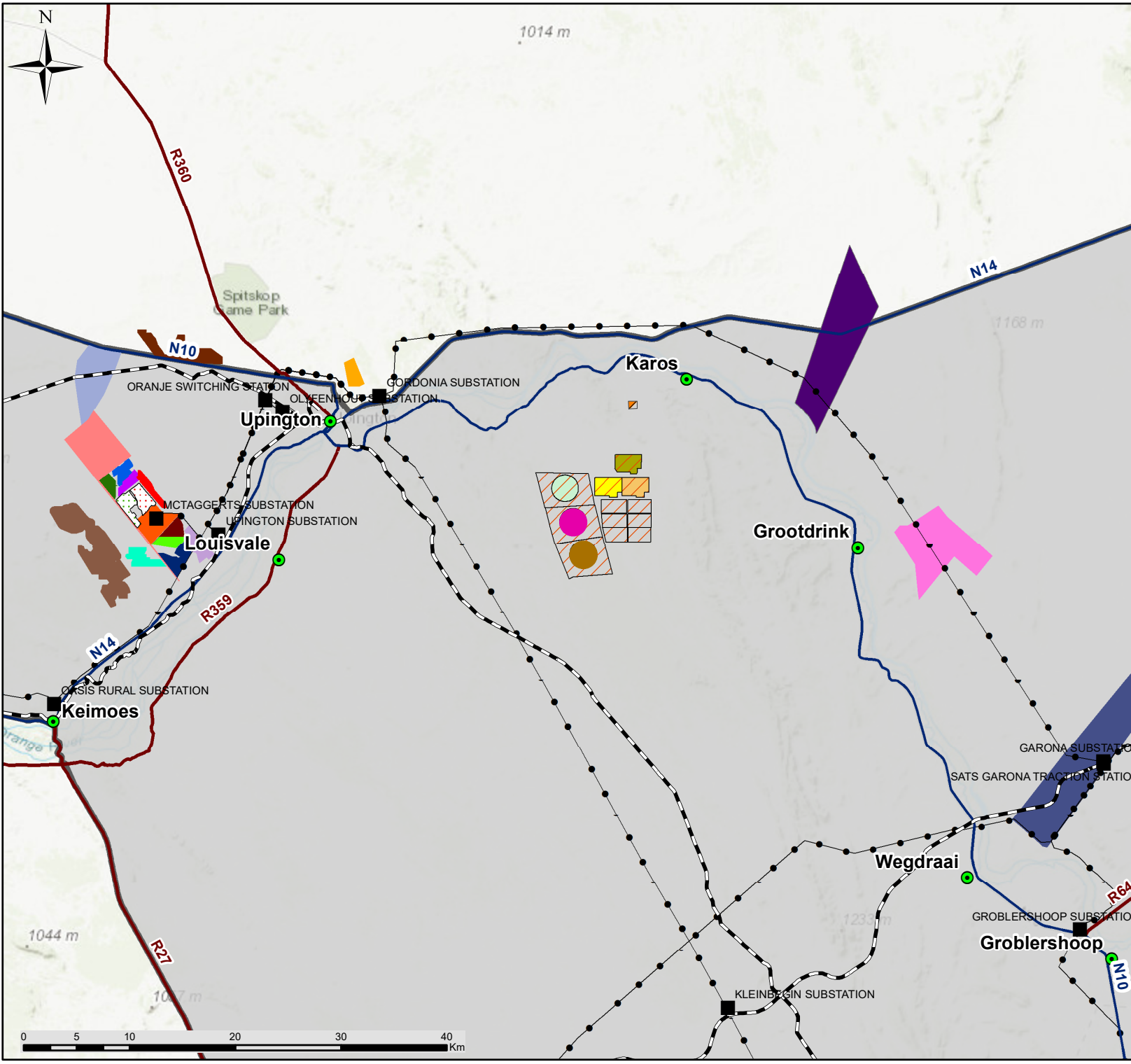
Legend

- Town
 - Eskom Substations
 - Railway Line
 - Regional Road
 - National Route
 - Eskom power line
 - Ilanga Study Site
 - Upington REDZ 7
- Operational:**
- Bokpoort Solar (1 x 50MW CSP)
 - Ilanga CSP 1 (1 x 100MW CSP)
 - Sirius Solar PV One (1 x 75MW PV)
 - Dyasons Klip PV 1 & 2 (2 x 75MW PV)
 - Khi Solar One (1x 50MW CSP)
 - Upington Airport Solar PV (1 x 8.9MW)
- Authorised:**
- Ilanga Site 3 (1 x 350MW CSP)
 - Ilanga Site 4 (1 x 350MW CSP)
 - Ilanga Site 5 (1 x 350MW CSP)
 - Ilanga Site 1.3 (1 x 100MW CSP)
 - Ilanga Site 1.4 (1 x 100MW CSP)
 - Karoshoeck CPVPD 1, 2, 3 and 4 (4 x 25 MW)
 - Kheis Solar Park (3 x 75MW PV)
 - Tewa Isitha Solar (2 x 100MW PV)
 - McTaggart PV1 Development Area
 - Sirius Solar PV Two (1 x 75MW PV)
 - Sirius Solar PV Three (1 x 100MW PV)
 - Sirius Solar PV Four (1 x 100MW PV)
 - McTaggart PV2 (1x 75MW PV)
 - McTaggart PV3 (1x 75MW PV)
 - Klip Punt PV1 (1x 75MW PV)
 - Allepad PV (4 x 100MW)
 - Rooipunt CSP (1 x 150MW CSP)
 - Bloemsmond Solar 1, 2, 3, 4 & 5 PV (2 x 75MW & 3x 100MW PV)
 - Solis Power I & II Project (1 x 150MW & 1 x 125MW CSP)
- In Process:**
- Ngwedi PV (1 x 100MW PV)
 - Naledi PV (1 x 100MW PV)

Scale: 1:500 000
 Projection: LQ21
 Ref: Upilanga Cumulative Map 8.07.2020

North West
 Northern Cape
 Free State
 Western Cape











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 environmental







Upilanga Solar Park, Northern Cape Province

PV 1 100MW Sensitivity Map

Legend

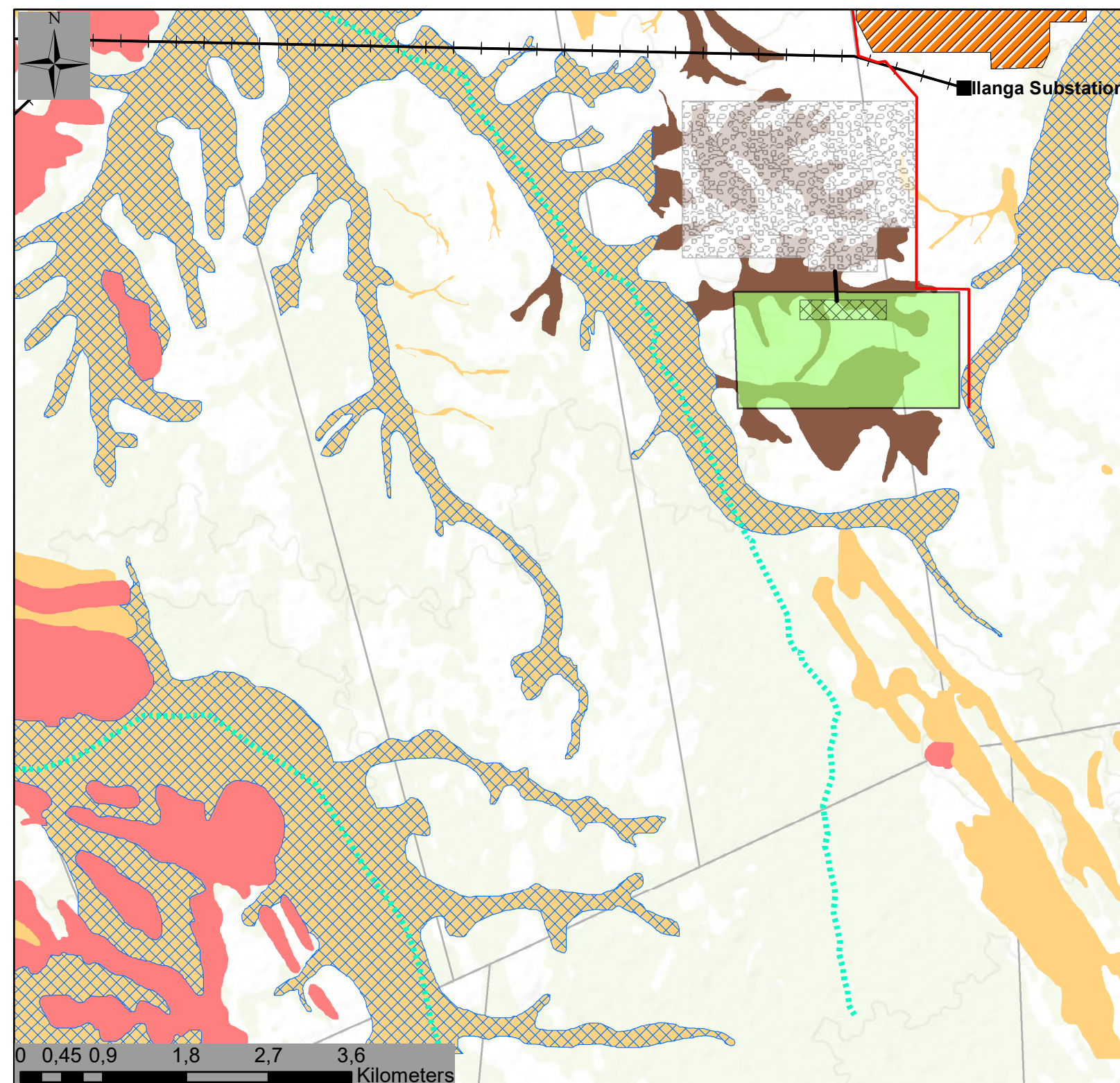
-  Ilanga Substation
-  Authorised Powerlines
-  Access Road
-  Non-perennial River
-  Underground cable connection
-  Inverter
-  Ilanga Authorised CSP Site 1.4
-  Ilanga Authorised 1 CSP - Operating
-  PV 1 100MW (305,63 ha)
-  Farm Portions

Environmental Sensitivities

-  Very High Ecological Sensitivity
-  High Ecological Sensitivity
-  Medium Ecological Sensitivity
-  Alluvial watercourse (High Sensitivity)

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environmental

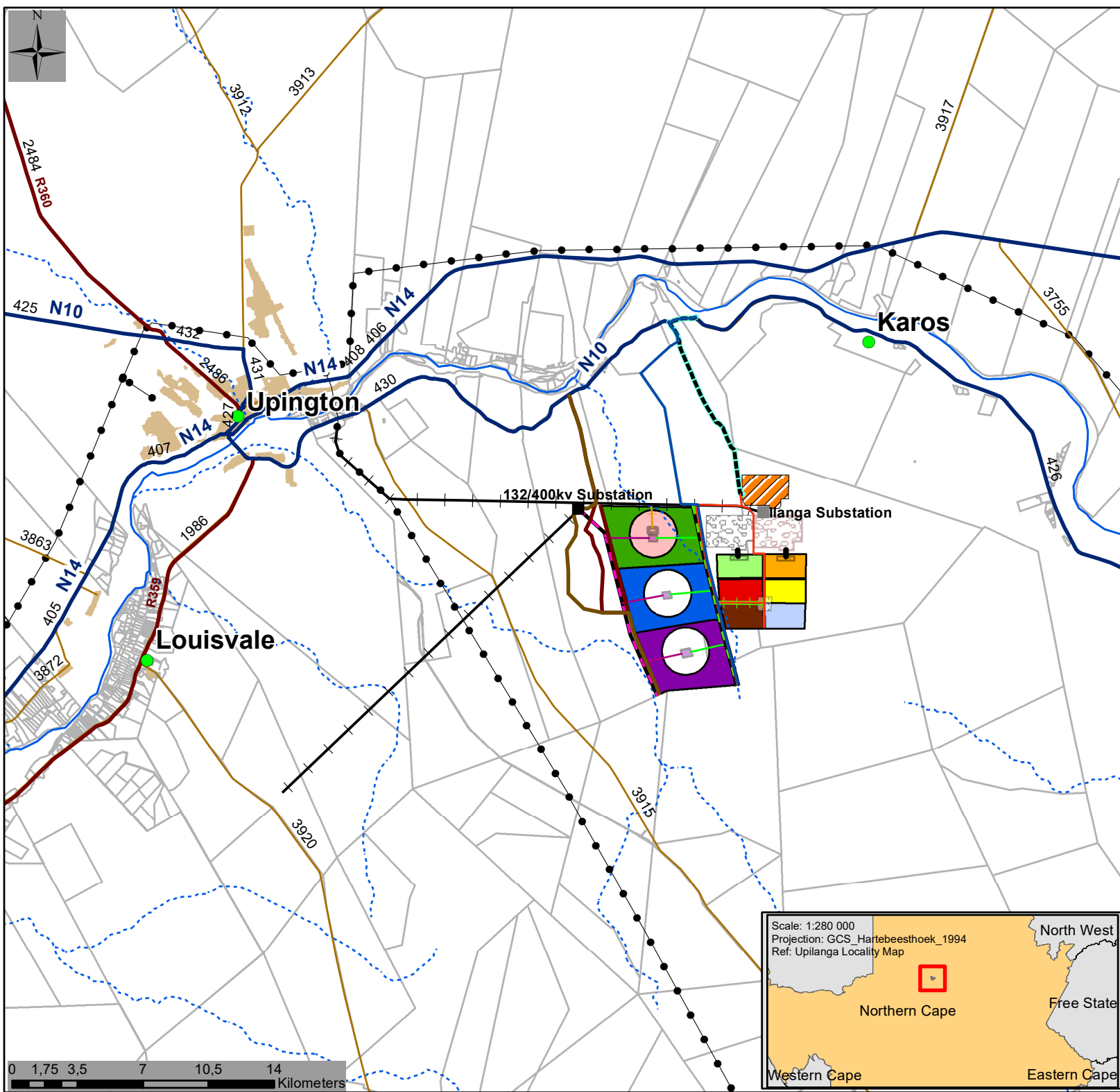
Scale: 1:57 000
Projection: GCS_Hartebeesthoek_1994
Ref: Upilanga PV 1 100MW Sensitivity Map



0 0,45 0,9 1,8 2,7 3,6 Kilometers

Upilanga Solar Park, Northern Cape Province

Locality Map



Legend

- Town
- Inanga Substation
- 132/400KV Substation
- Access Roads
- Access Road 1
- Access Road 2
- Authorised and operational Inanga Access Road
- National Road
- Regional Road
- Main Road
- Authorised and operational Inanga Water Pipeline
- Updated New Water Pipeline
- 100MW Preferred Grid Connection (PV 6,7,8 and 9)
- New Powerline
- 350MW Grid Connection Alternative 1 to New Powerline
- 350MW Grid Connection Alternative 2 to Authorised Powerline
- Authorised Powerline
- Existing Authorised Powerlines
- Existing Power Line
- Perennial River
- Non-perennial River
- Inverter Underground cable connection
- 350MW CSP Switching Station Connection
- Collector Substation (PV 6,7,8 and 9)
- Invertors
- 350MW PV Switching/Step-up Stations
- 350MW CSP Switching Station
- Inanga Authorised 1 CSP - Operating
- Inanga Authorised CSP Site 1.4
- Inanga Authorised CSP Site 1.3
- Authorised Site 3 CSP
- PV 1 100MW (305,63 ha)
- PV 2 100MW (283,05 ha)
- PV 3 350MW (1018,24 ha)
- PV 4 350MW (1021,57 ha)
- PV 5 350MW (1007,92 ha)
- PV 6 100MW (297,68 ha)
- PV 7 100MW (278,51 ha)
- PV 8 100MW (300,66 ha)
- PV 9 100MW (295,97 ha)
- Urban / Built-up Area

