






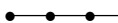



Layout Legend

- | | |
|--|---|
| 1 HV Yard | 26 Service Water Storage Area |
| 2 Roads | 27 Fire Water Storage Area |
| 3 Car Parking area | 28 Service Water Pump Area |
| 4 Paved area for transformer and generator removal | 29 Fire Water Pump Area |
| 5 Generator removal | 30 Fin-Fan Heat Exchangers |
| 6 Unit Transformer | 31 Cem Enclosure |
| 7 Unit Control Cubicle | 32 HRSG Blowdown Tank and Sump |
| 8 Generator | 33 Condensate Pumps |
| 9 Gas Turbine | 34 Auxiliary Boiler |
| 10 Steam Turbine | 35 Stores area |
| 11 Cable Tunnel /Trenches | 36 Workshop Area |
| 12 Admin Building | 37 Permanent Security Access Control Building |
| 13 Station Control Room | 38 Temporary /Outage Laydown Area |
| 14 Transformer Area | 39 Laboratory |
| 15 Turbine Hall | 40 Kitchen and Ablution Building |
| 16 Pipe Trench | 41 Pollution Control Area |
| 17 Pipe Rack (Bridge) | 42 Diesel Generator Area If required |
| 18 Bypass Exhaust Stack | 43 MCC Room |
| 19 Heat Generator (HRSG) | 44 Diesel Fuel Pump Plant |
| 20 Exhaust Stack | 45 Diesel Fuel Storage Tank |
| 21 Condensate Cooling (ACC) | 46 Diesel Fuel Offloading Area |
| 22 Water Treatment Plant Area | 47 Station and Control Air Building |
| 23 Gas Process Plant | 48 Top Soil/ Spoil Area |
| 24 Gas Supply Line | 49 Municipality Water Supply Point |

Richards Bay Combined Cycle Power Plant, KwaZulu Natal Province

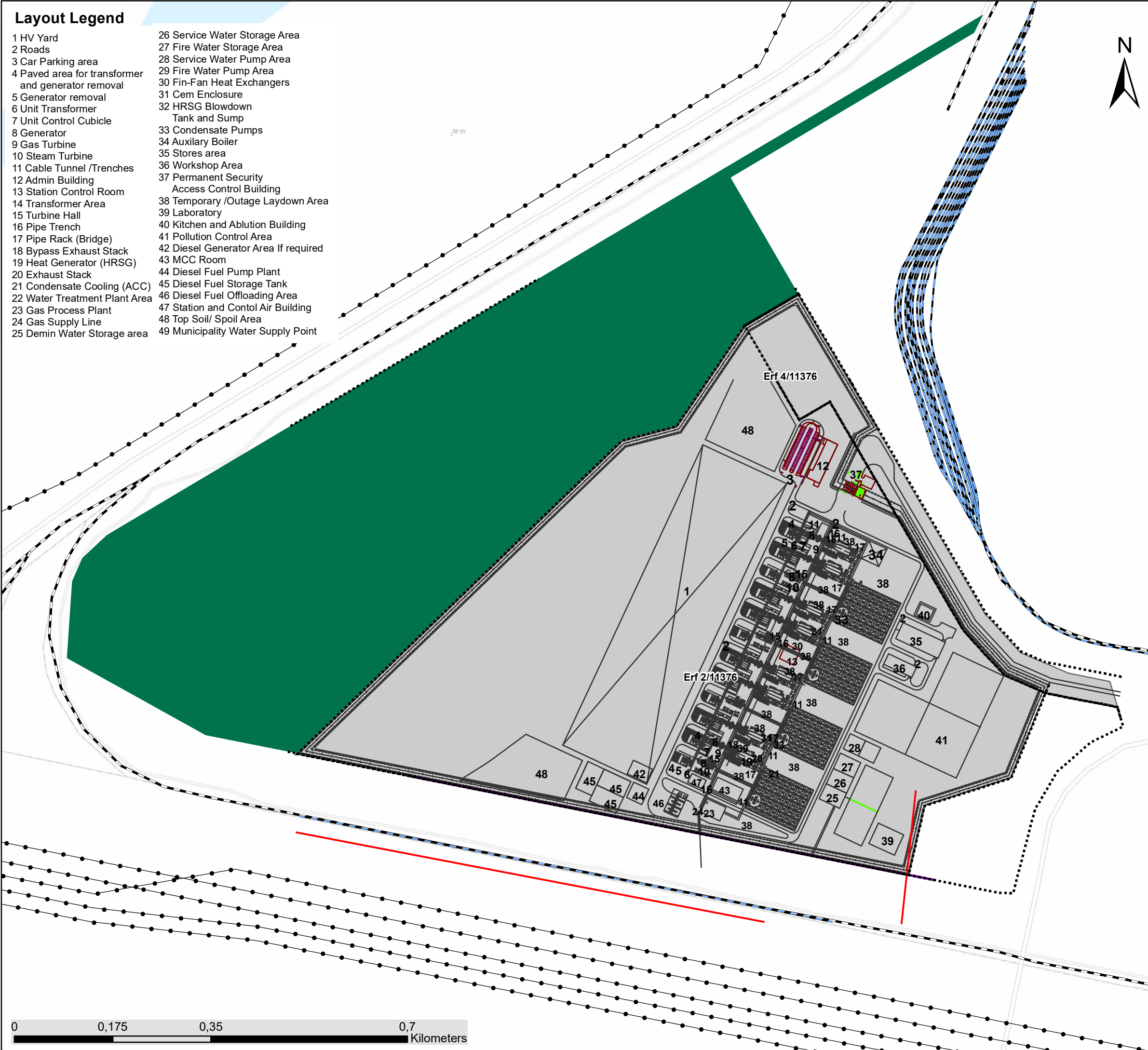
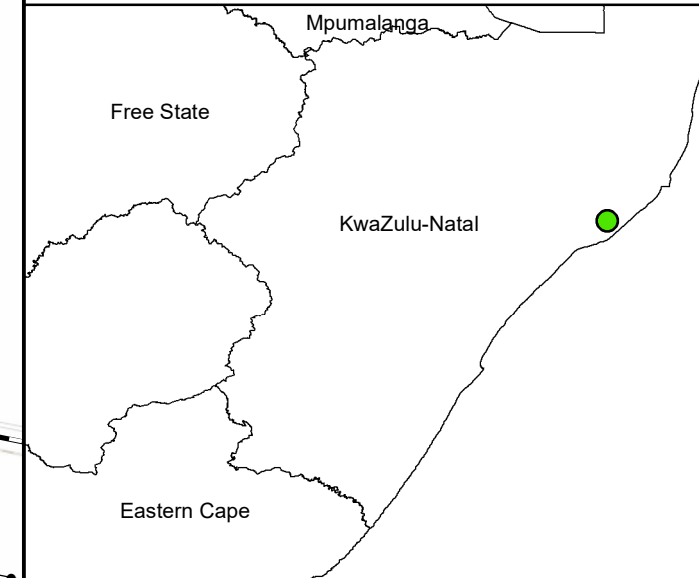
Layout Map

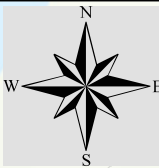
Legend

-  Spoornet existing lines
-  Railway Line
-  Perimeter-line
-  Gas Pipeline
-  Proposed Gas Pipeline
-  Existing Power Line
-  RB CCGP Layout
-  Biodiversity Offset Area
-  Project Site (71ha)



Scale: 1:6 491
 Projection: LO31 WGS_1984
 Map Ref.: Richards Bay CCGT Project - Environmental Sensitivity Map - 30.01.18



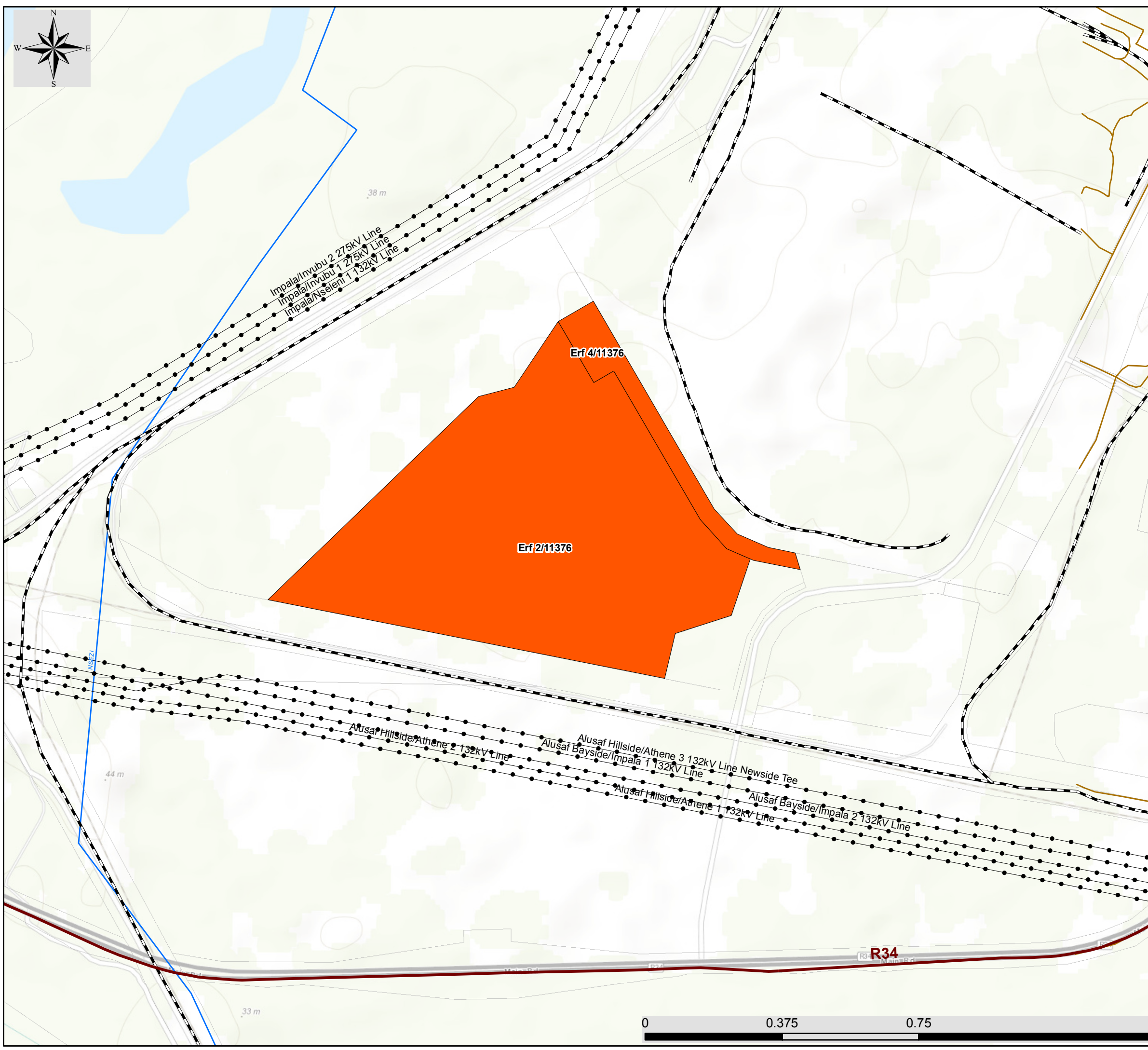


Richards Bay CCPP

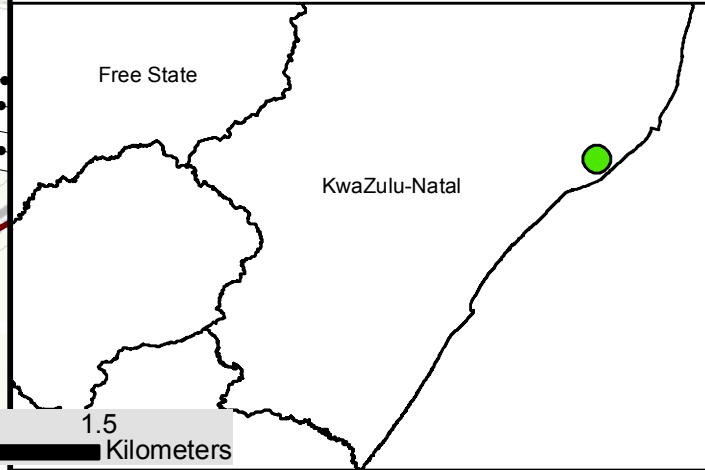
Locality Map

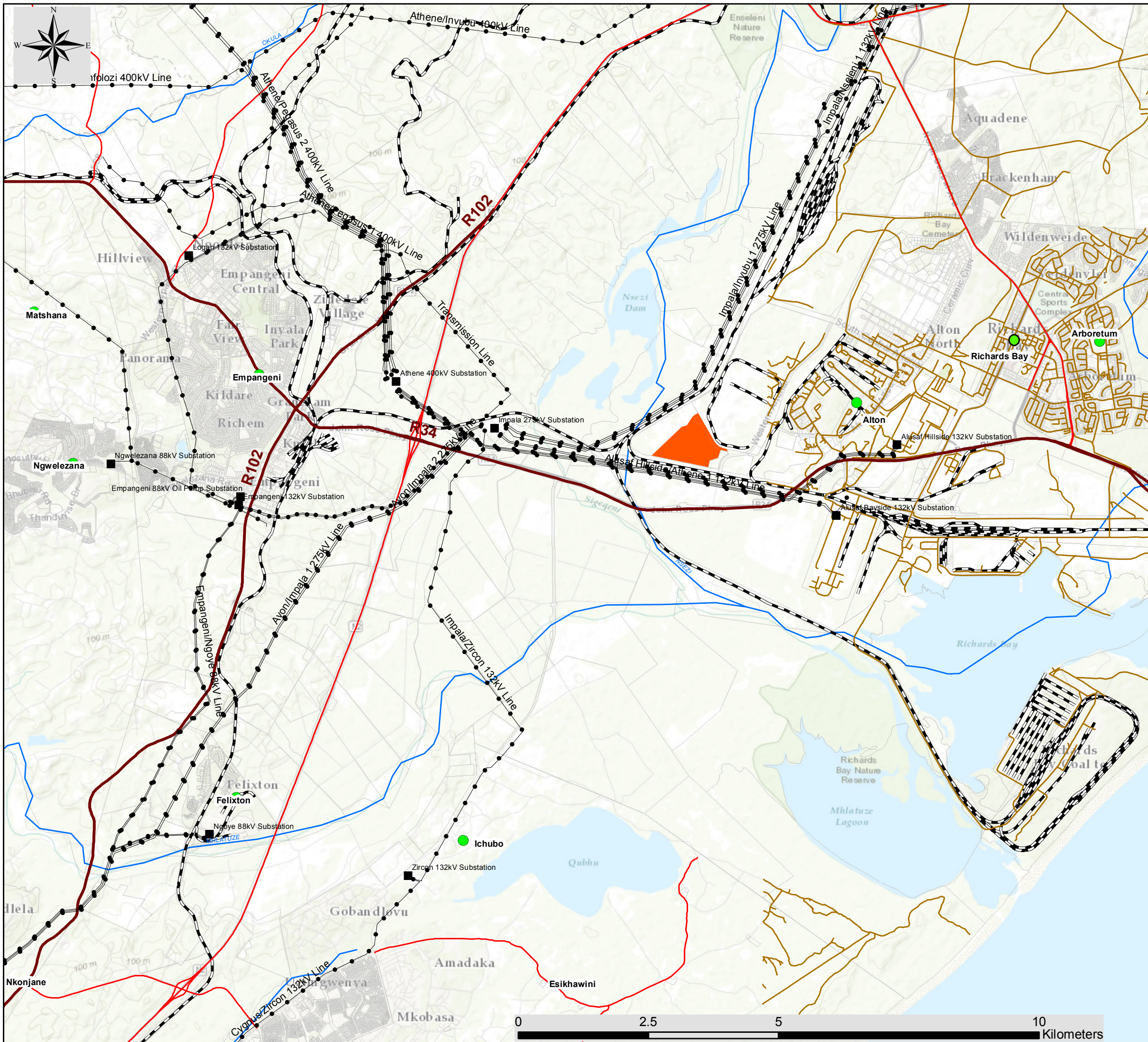
Legend

- Town
- Distribution Substation
- Eskom Power Line
- Regional road
- Main road
- Secondary Roads
- - - Railway Line
- Perennial River
- Project Site (71ha)
- Farm Portions



Scale: 1:10 000
Projection: LO31 WGS_1984
Map Ref.: Richards Bay CCGT Project - Locality Map (zoom-in)_16.05.17





Richards Bay CCGP

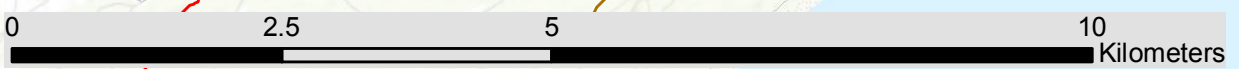
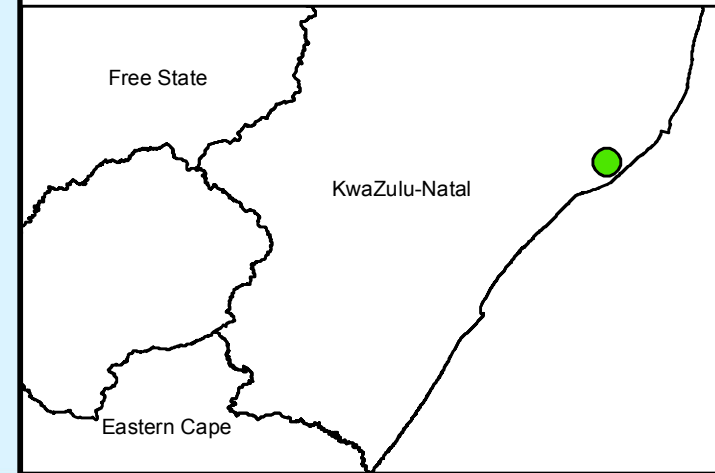
Locality Map

Legend

- Town
- Distribution Substation
- Eskom Power Line
- Regional road
- Main road
- Secondary Roads
- Railway Line
- Perennial River
- Project Site
- Farm Portions



Scale: 1:70 000
 Projection: LO31 WGS_1984
 Map Ref.: Richards Bay CCGT Project - Locality Map_15.05.17



Layout Legend

- | | |
|--|---|
| 1 HV Yard | 26 Service Water Storage Area |
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| 6 Unit Transformer | 31 Cem Enclosure |
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| 23 Gas Process Plant | 48 Top Soil/ Spoil Area |
| 24 Gas Supply Line | 49 Municipality Water Supply Point |
| 25 Demin Water Storage area | |

Richards Bay Combined Cycle Power Plant, KwaZulu Natal Province

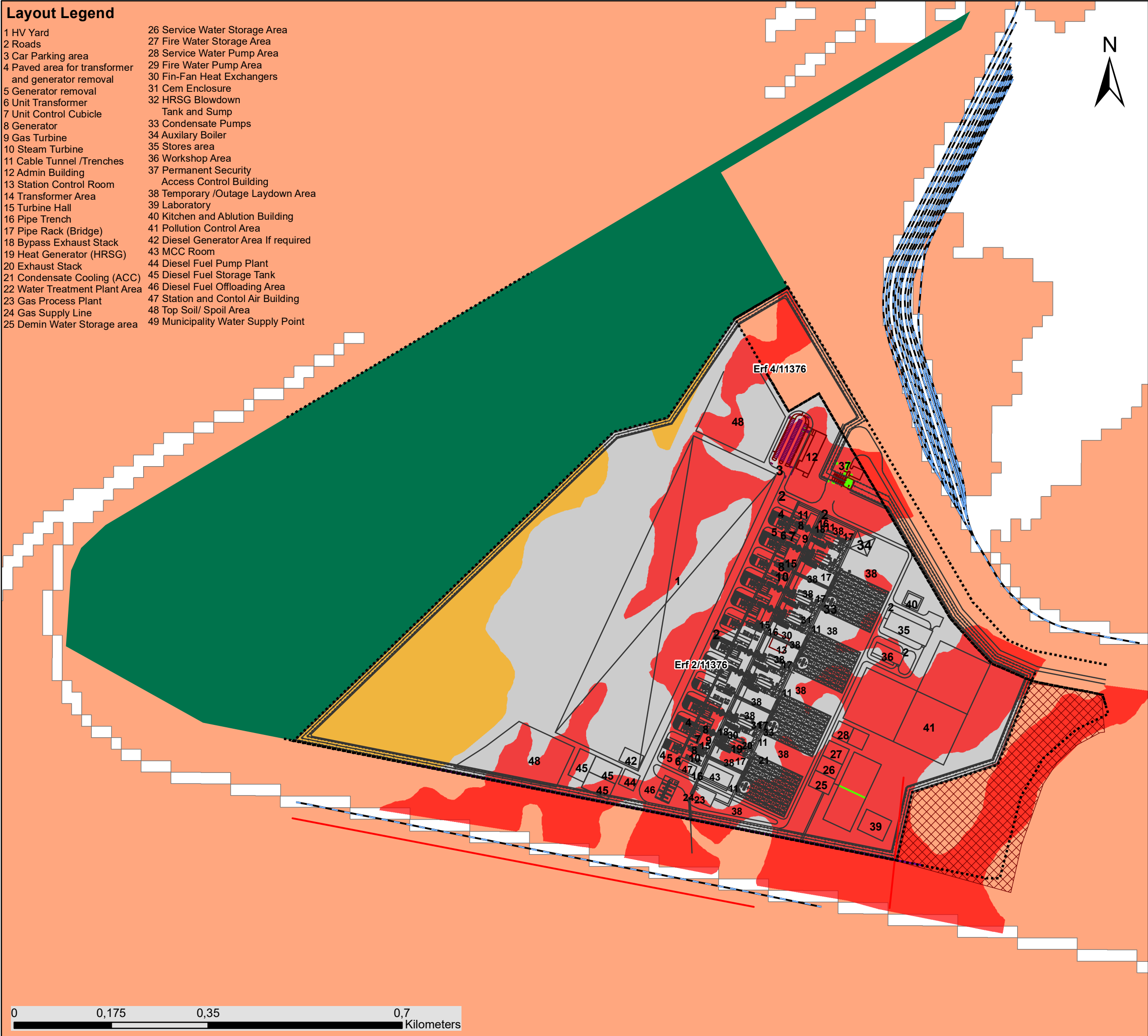
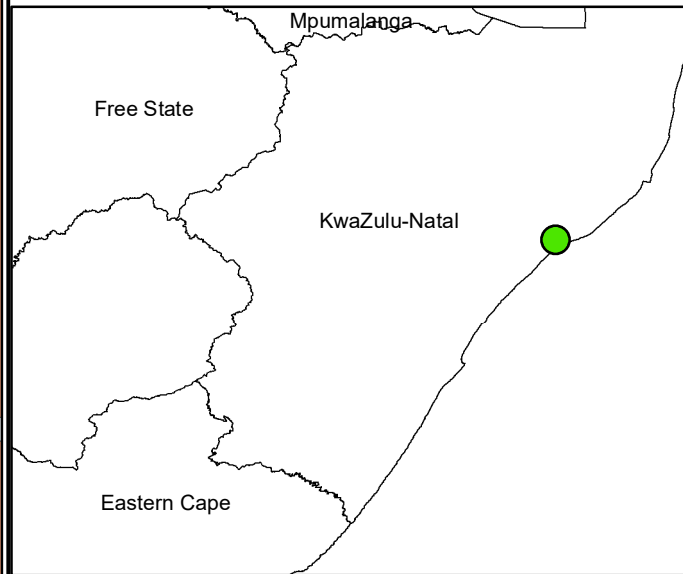
Environmental Sensitivity Site Layout Map

Legend

- Spoornet existing lines
 - Railway Line
 - Perimeter-line
 - Gas Pipeline
 - Proposed Gas Pipeline
 - Existing Power Line
 - RB CCGP Layout
 - Project site
- Environmental Sensitivities (no-go areas)**
- Biodiversity Offset Area
 - Conservation Area
 - CBA
- Wetlands**
- High Ecological and Aquatic Sensitivity
 - Moderate Ecological and Aquatic Sensitivity

savannah
environmental

Scale: 1:6 491
Projection: LO31 WGS_1984
Map Ref.: Richards Bay CCGT Project - Environmental Sensitivity Map - 30.01.18





Richards Bay CCGP

Environmental Sensitivity Map

Legend

—•— Existing Power Line

- - - Railway Line

■ Project Site (71ha)

Environmental Sensitivities (no-go areas):

▨ Conservation Area

■ Biodiversity Offset Area

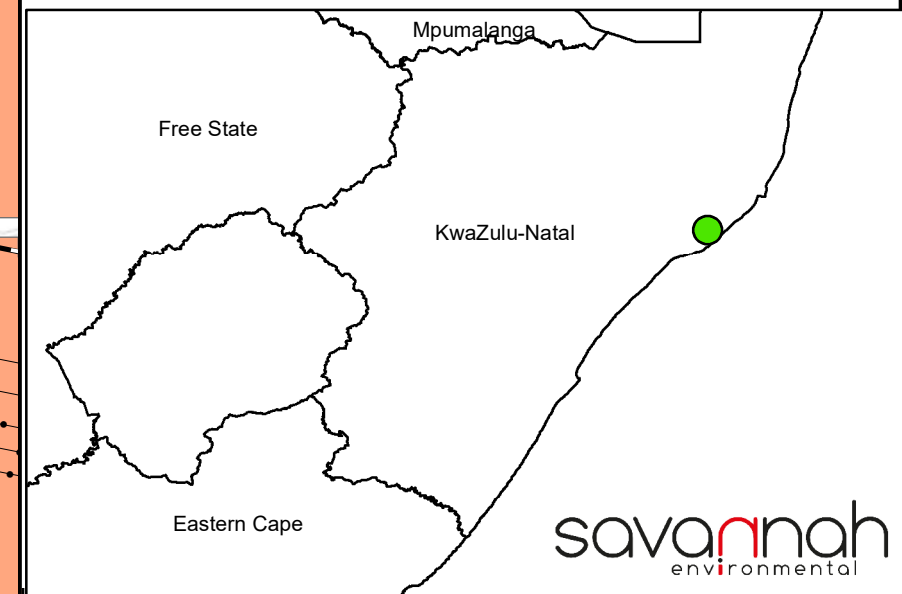
■ CBA

Wetlands

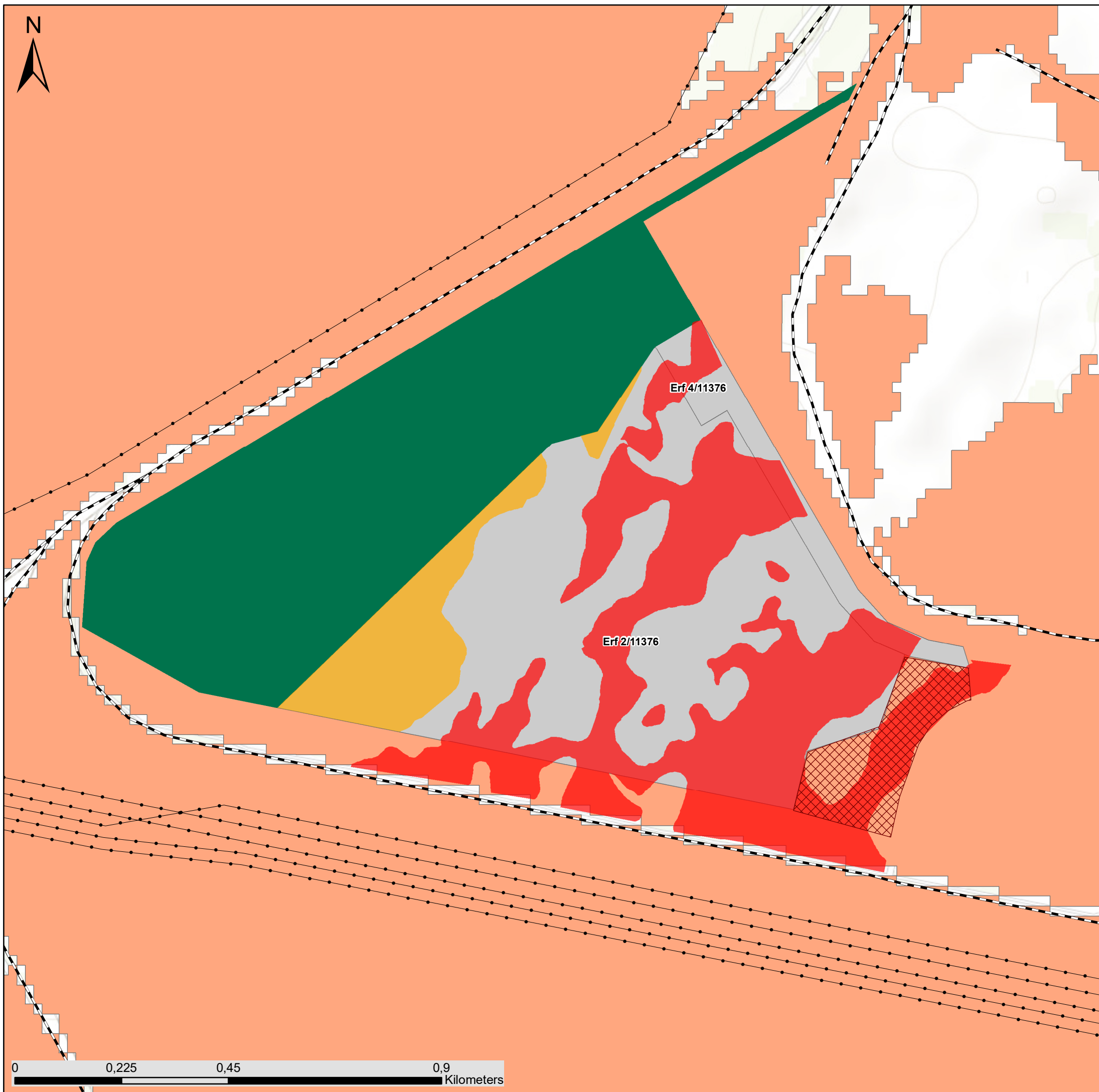
■ High Ecological and Aquatic Sensitivity

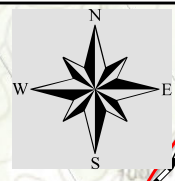
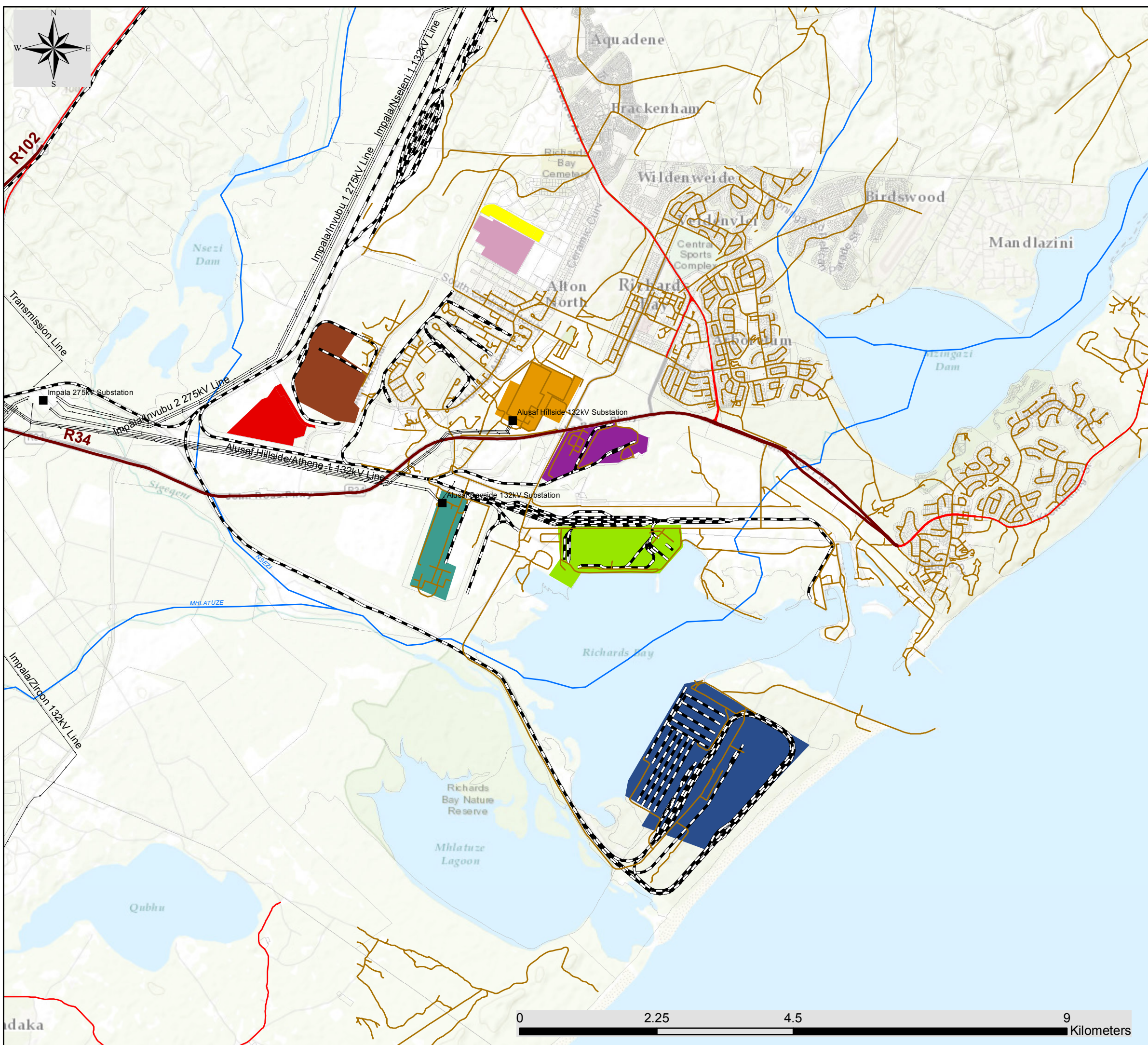
■ Moderate Ecological and Aquatic Sensitivity

Scale: 1:8 000
Projection: LO31 WGS_1984
Map Ref.: Richards Bay CCGT Project - Environmental Sensitivity Map - 30.01.18



0 0,225 0,45 0,9 Kilometers





Richards Bay CCPP

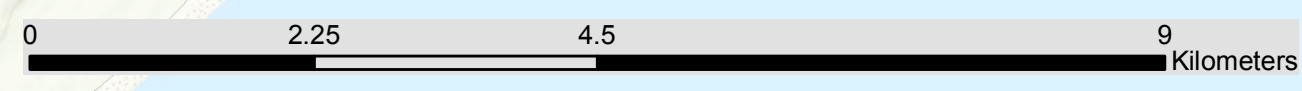
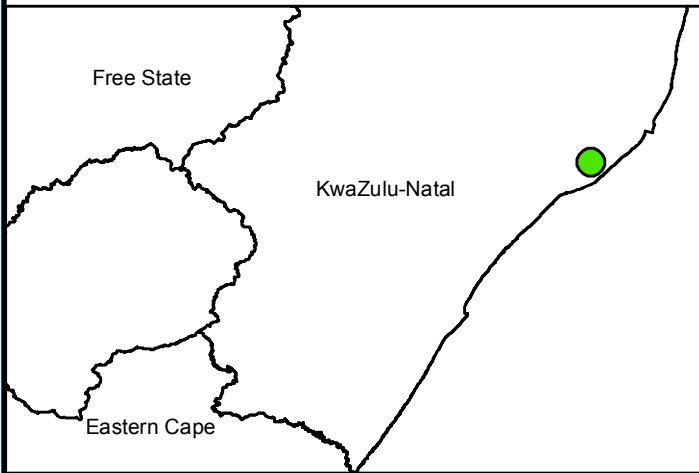
Cumulative Map considering Industrial Development

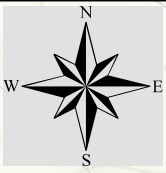
Legend

- Distribution Substation
 - Eskom Power Line
 - Regional road
 - Main road
 - Secondary Roads
 - Railway Line
 - Perennial River
 - Farm Portions
 - Project Site
- ### Industrial Development
- Gas to Power Plant Richards Bay (authorised)
 - Bayside Aluminium Richards Bay (existing)
 - Fermentech Fertilizer Supplier (existing)
 - Mondi Richards Bay (existing)
 - Port Richards Bay (existing)
 - Richards Bay Coal Terminal (existing)
 - South32 Alliminium (existing)
 - Tata Steel KZN (existing)

savannah
environmental

Scale: 1:60 000
 Projection: LO31 WGS_1984
 Map Ref.: Richards Bay CCGT Project - Cumulative Map - 10.04.17















Richards Bay CCPP

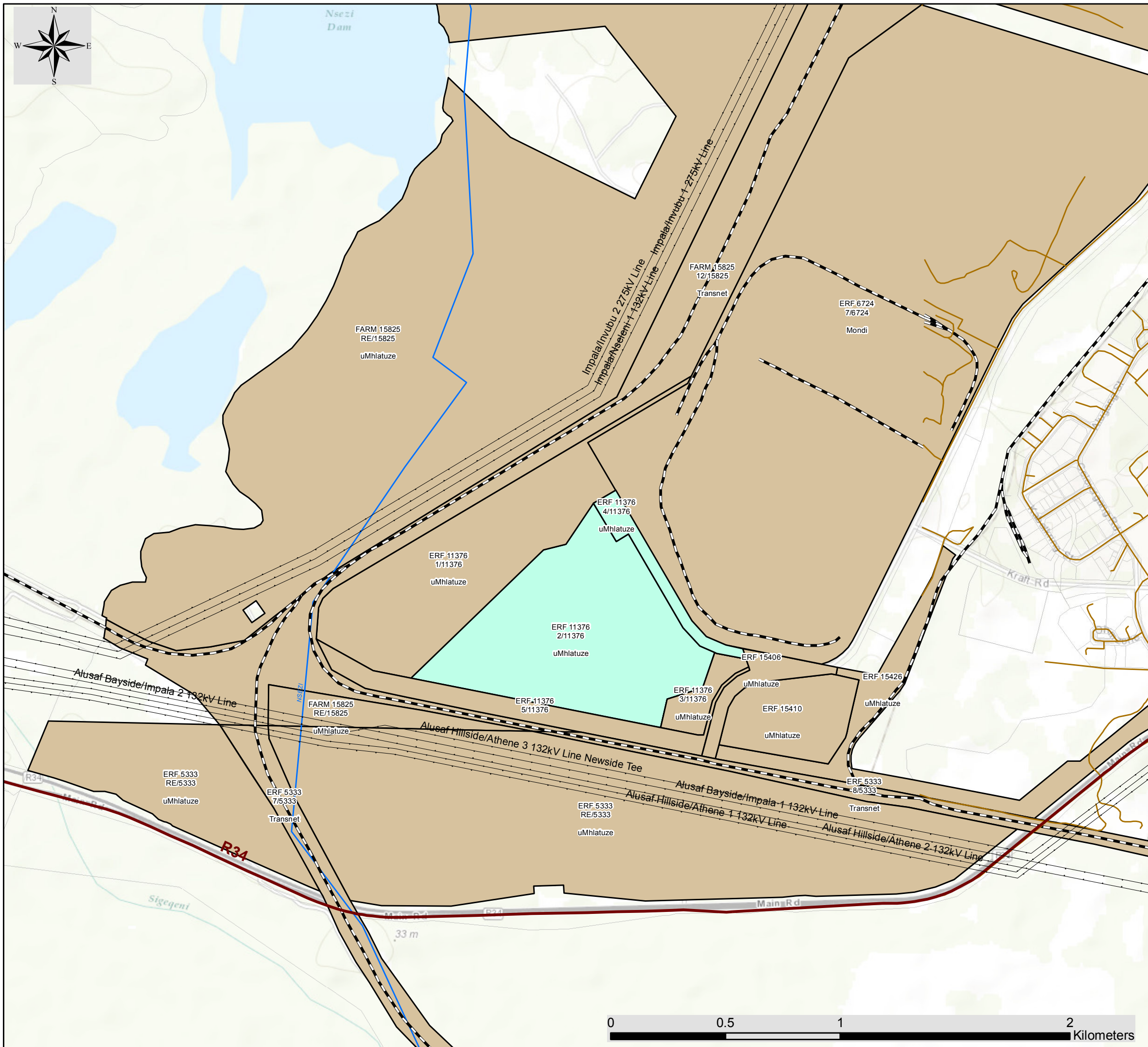
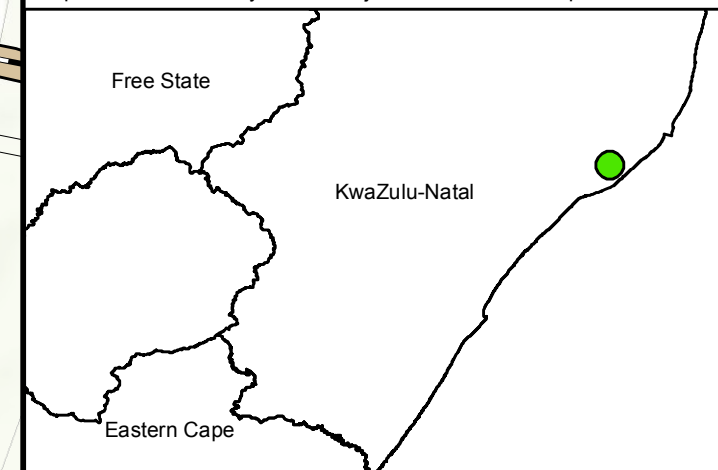
Landowners Map

Legend

-  Distribution Substation
-  Eskom Power Line
-  Regional road
-  Main road
-  Secondary Roads
-  Railway Line
-  Perennial River
-  Neighbouring Properties
-  Affected Properties
-  Farm Portions



Scale: 1:16 000
 Projection: LO31 WGS_1984
 Map Ref.: Richards Bay CCGT Project - Landowners Map - 06.04.17

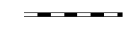






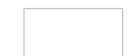


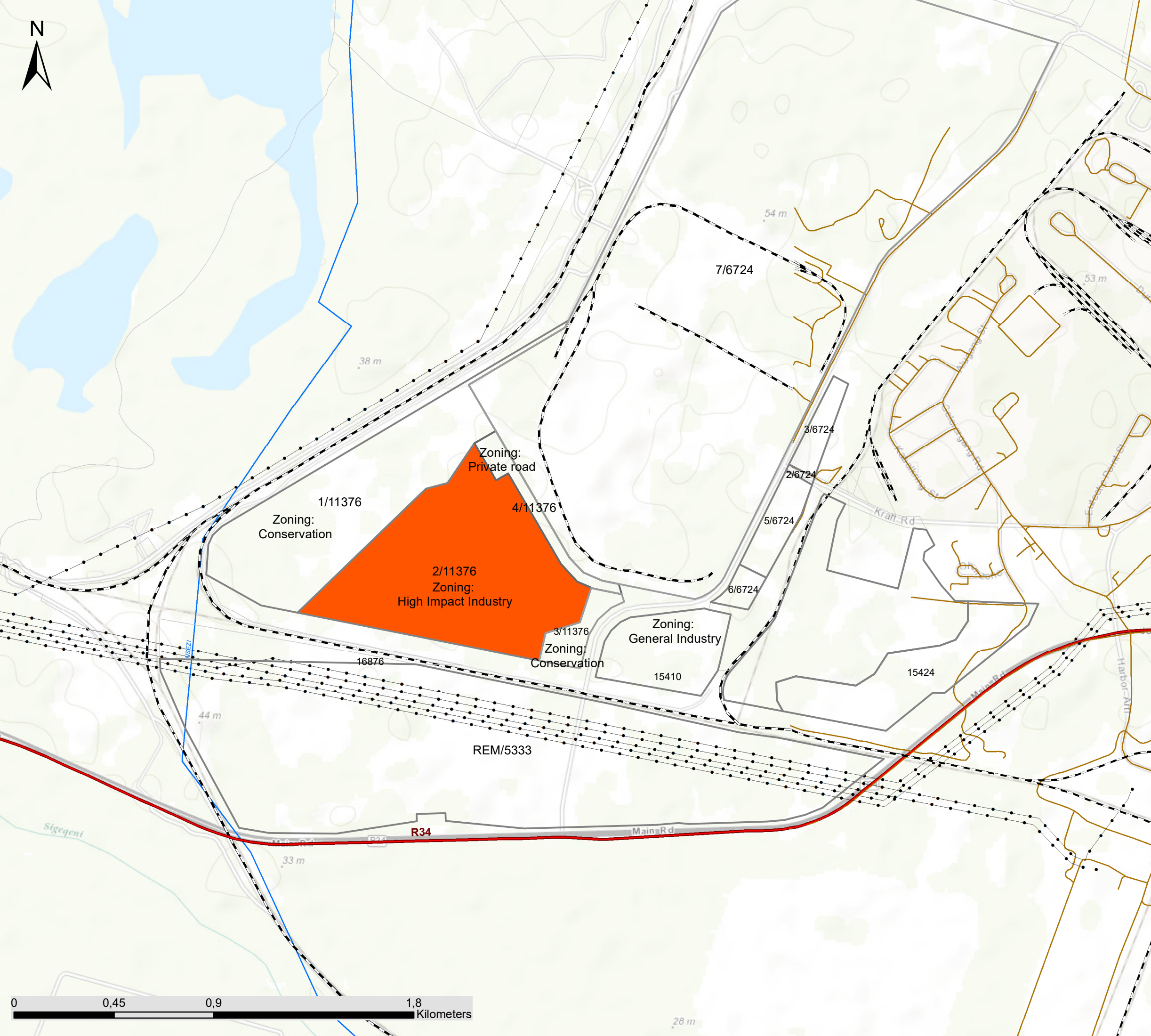
Richards Bay Combined Cycle Power Plant, KwaZulu Natal Province

Local Context Map

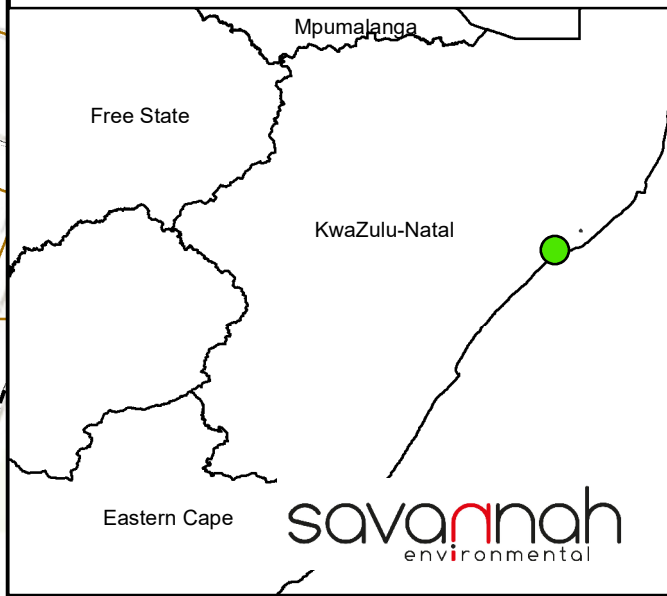


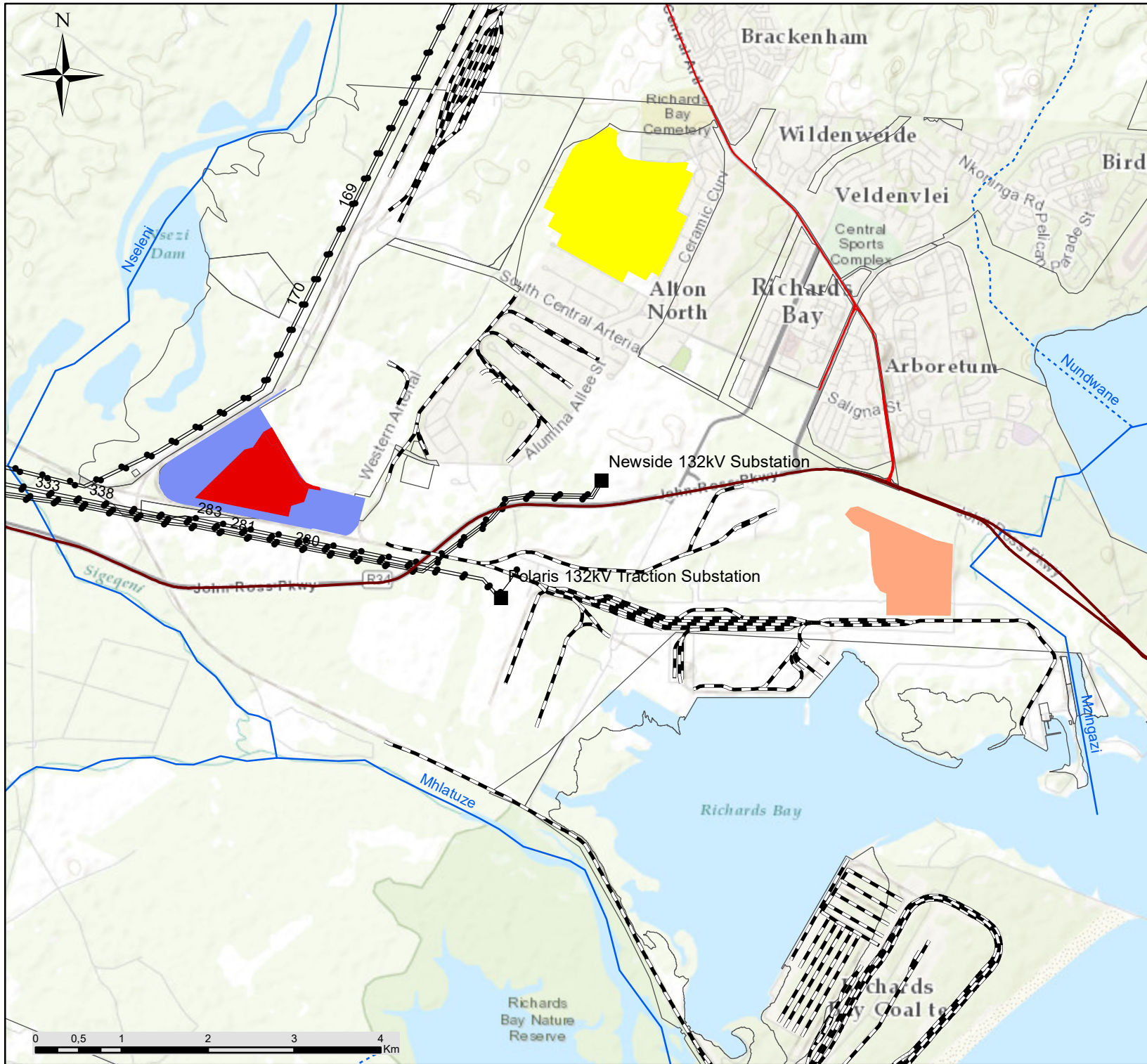
Legend

-  Railway Line
-  Existing Power Line
-  Main road
-  Secondary Roads
-  Regional road
-  Perennial River
-  Project site
-  Farm Portions



Scale: 1:16 028
 Projection: LO31 WGS_1984
 Map Ref.: Richards Bay CCGT Project - Environmental Sensitivity Map - 30.01.18





Richards Bay Combined Cycle Power Plant, KwaZulu Natal Province

Local Context Map

Legend

- Existing Substation
- +— Railway
- Regional Roads
- Main Roads
- Eskom Lines
- - - Non-perennial River
- Perennial River
- Project Site
- Farm Portion

Richards Bay IDZ Phases

- RB IDZ Phase 1A
- RB IDZ Phase 1D
- RB IDZ Phase 1F



Scale: 1:61 552
 Projection: LO31
 Ref: RB CCGT Map_03.07.19

