

Umbila Emoyeni Renewable Energy Wind and Solar PV Facilities, Mpumalanga Province

Cumulative Map

Legend

- Town
- Eskom Substation
- Existing Power lines
- National Route
- Mining Areas
- Project Site

Other Known Renewable Energy Facilities (based on affected properties):

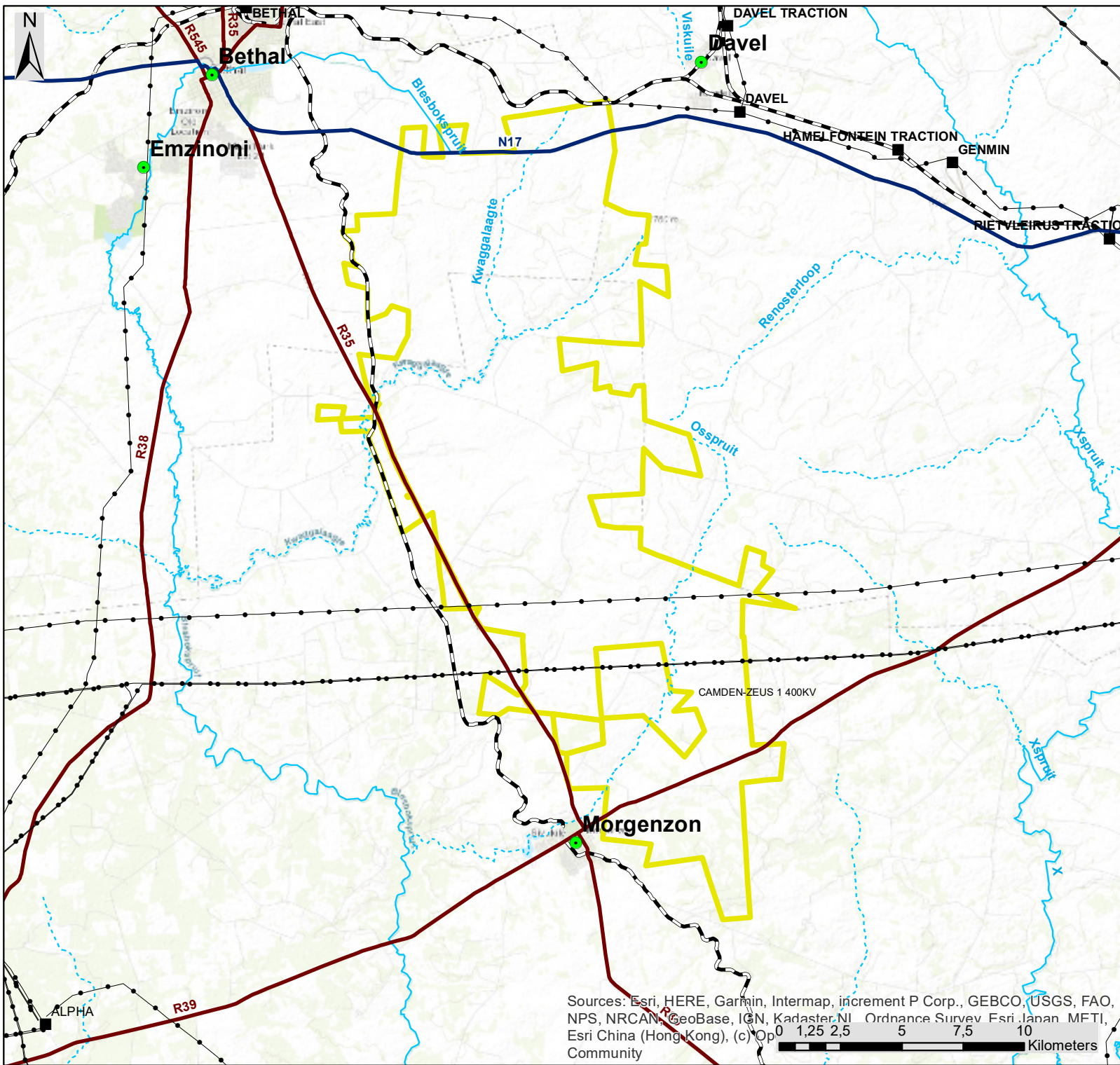
- Majuba Solar PV Facility
- Tutuka Solar PV Facility
- Forzando North Coal Mine PV Facility
- 200MW Hendrina South WEF
- 200MW Hendrina North WEF

Scale: 1:600 000
Projection: GCS_WGS_1984
Map Ref: Umbila Cumulative Map

savannah
environmental

Sources: NPS, NR, Esri, China Community

0 5 10 20 30 40 Kilometers



Ummbila Emoyeni Renewable Energy Wind Facility, Mpumalanga Province

Locality Map

Legend

- Town
- Eskom Substation
- Existing Power lines
- National Route
- Regional Road
- Perennial River
- Non-perennial River

Proposed Development

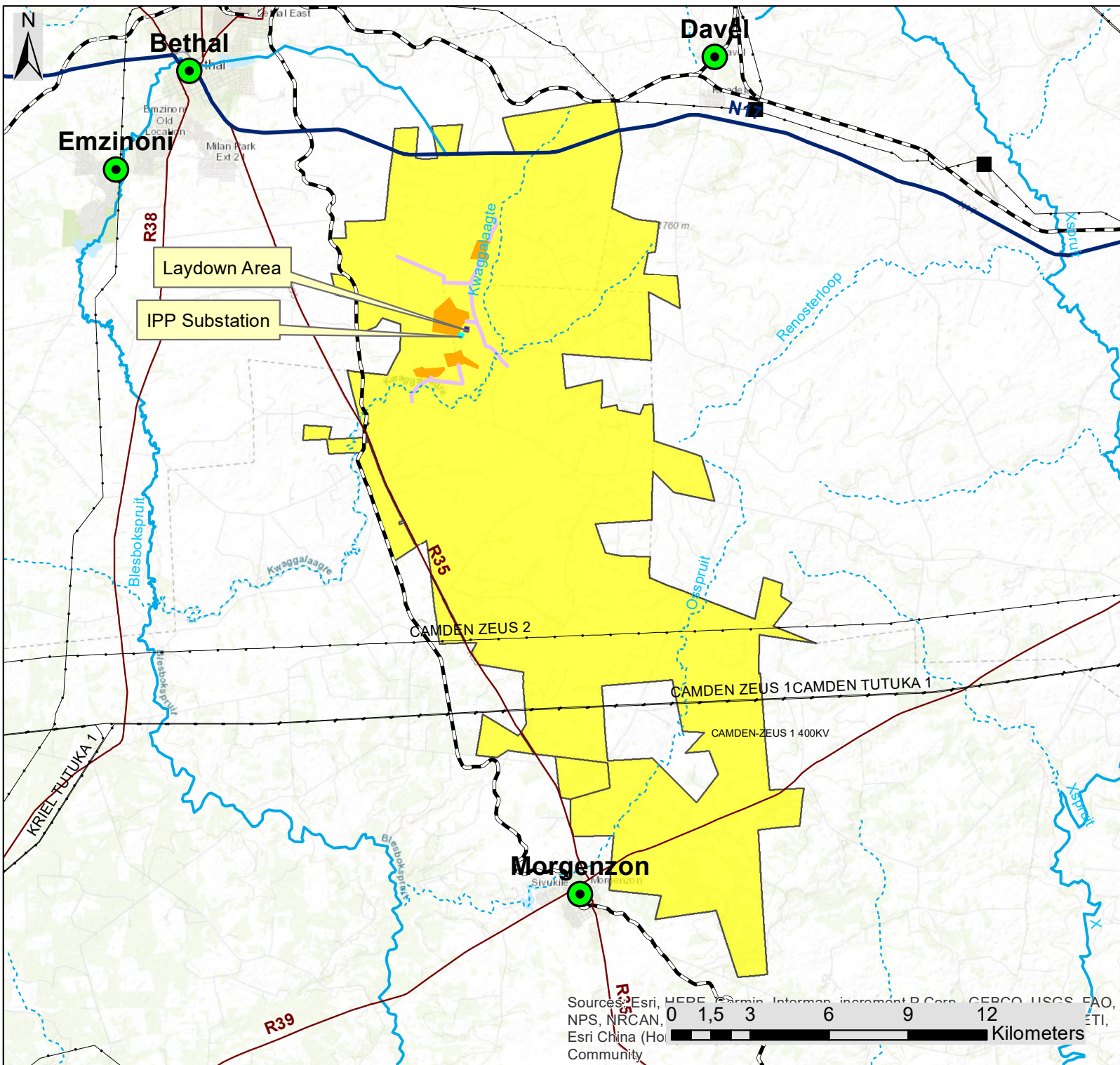
- Project Site

Scale: 1:220 000
 Projection: GCS_WGS_1984
 Map Ref: Ummbila Revised Optimised Locality Map

savannah
environmental



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, Swatch, Mapbox
 0 1,25 2,5 5 7,5 10 Kilometers



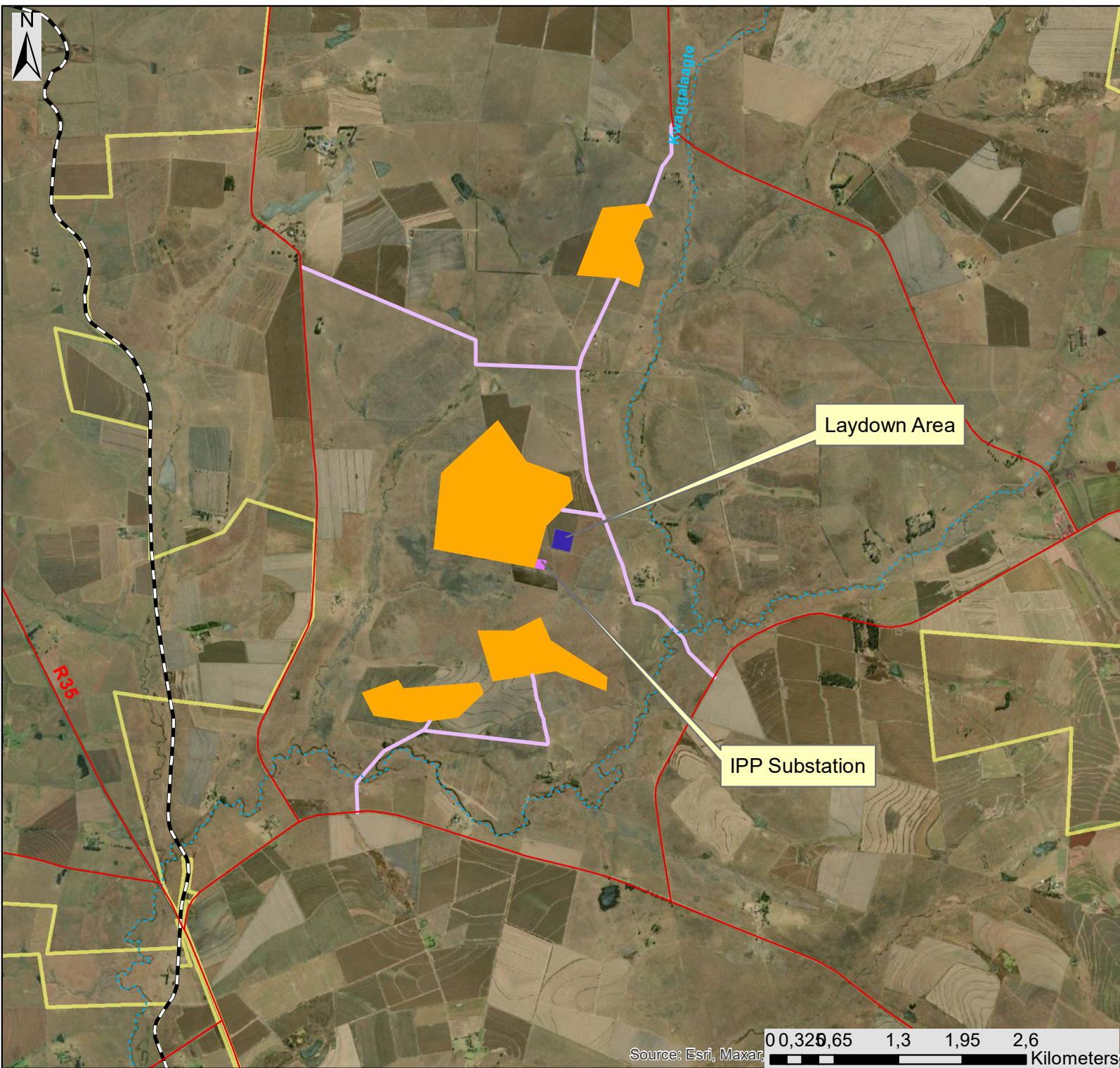
Umbila Emoyeni Renewable Energy Solar Facility, Mpumalanga Province

Locality Map

savannah
environmental

Scale: 1:200 000
 Projection: GCS_WGS_1984
 Map Ref: Umbila SEF Locality Map





Umbila Emoyeni Renewable Energy Solar Facility, Mpumalanga Province

Layout Map

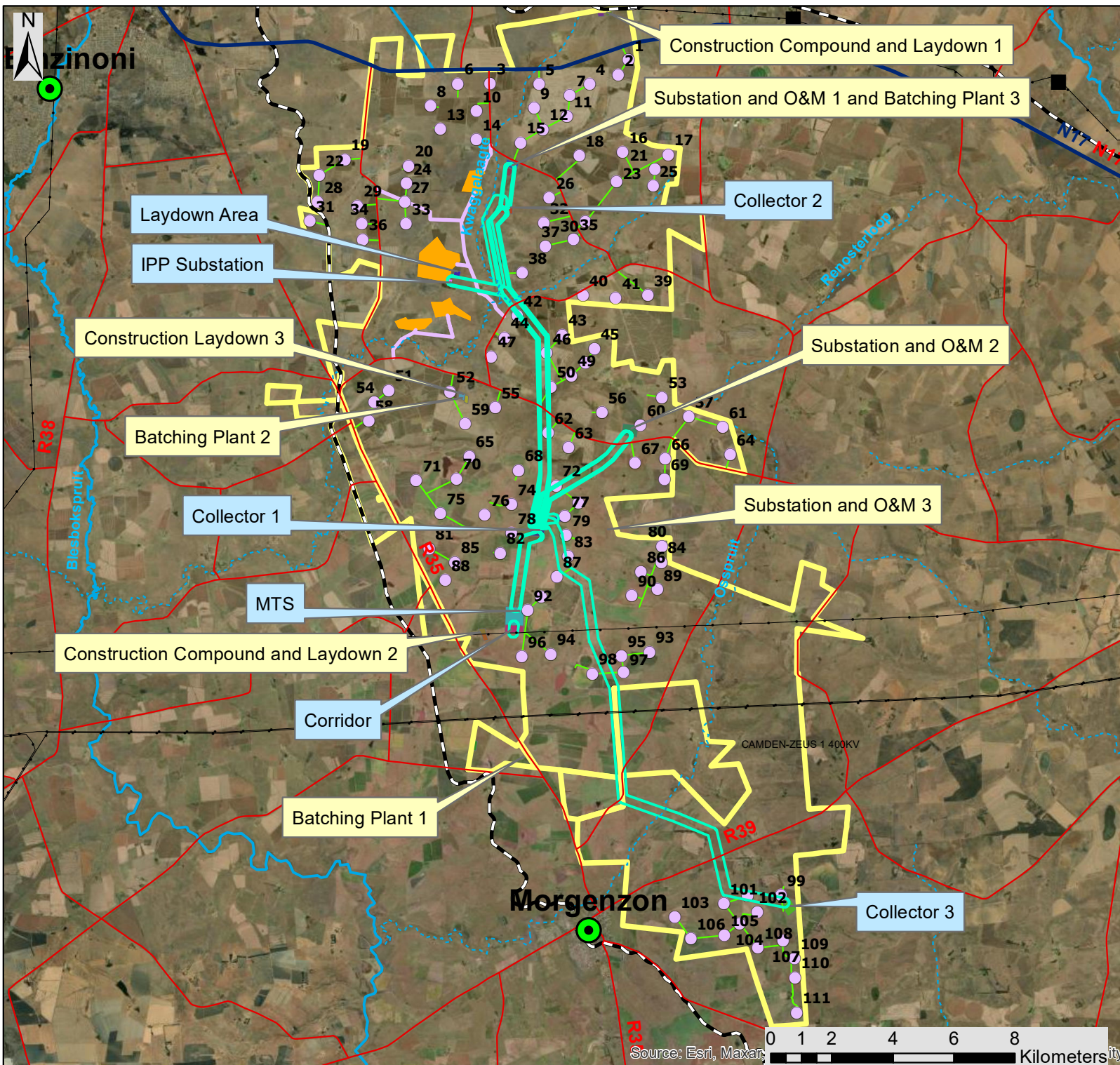
Legend

- Town
- Existing Power Line
- National Route
- Main Road
- Railway Line
- Perennial River
- Non-perennial River
- Proposed Development**
 - Project Site
 - Solar PV Facilities
 - Access Roads

savannah
environmental

Scale: 1:150 000
Projection: GCS_WGS_1984
Map Ref: Umbila Layout Map





Umbila Emoyeni Renewable Energy Solar Facility, Mpumalanga Province

Layout Map

Legend

- Town
- Eskom Substation
- Existing Power Line
- National Route
- Main Road
- Railway Line
- Perennial River
- Non-perennial River

Proposed Development

- Project Site

SEF Layout

- Solar PV Facilities
- Grid Connection Corridor (300m)
- Access Roads

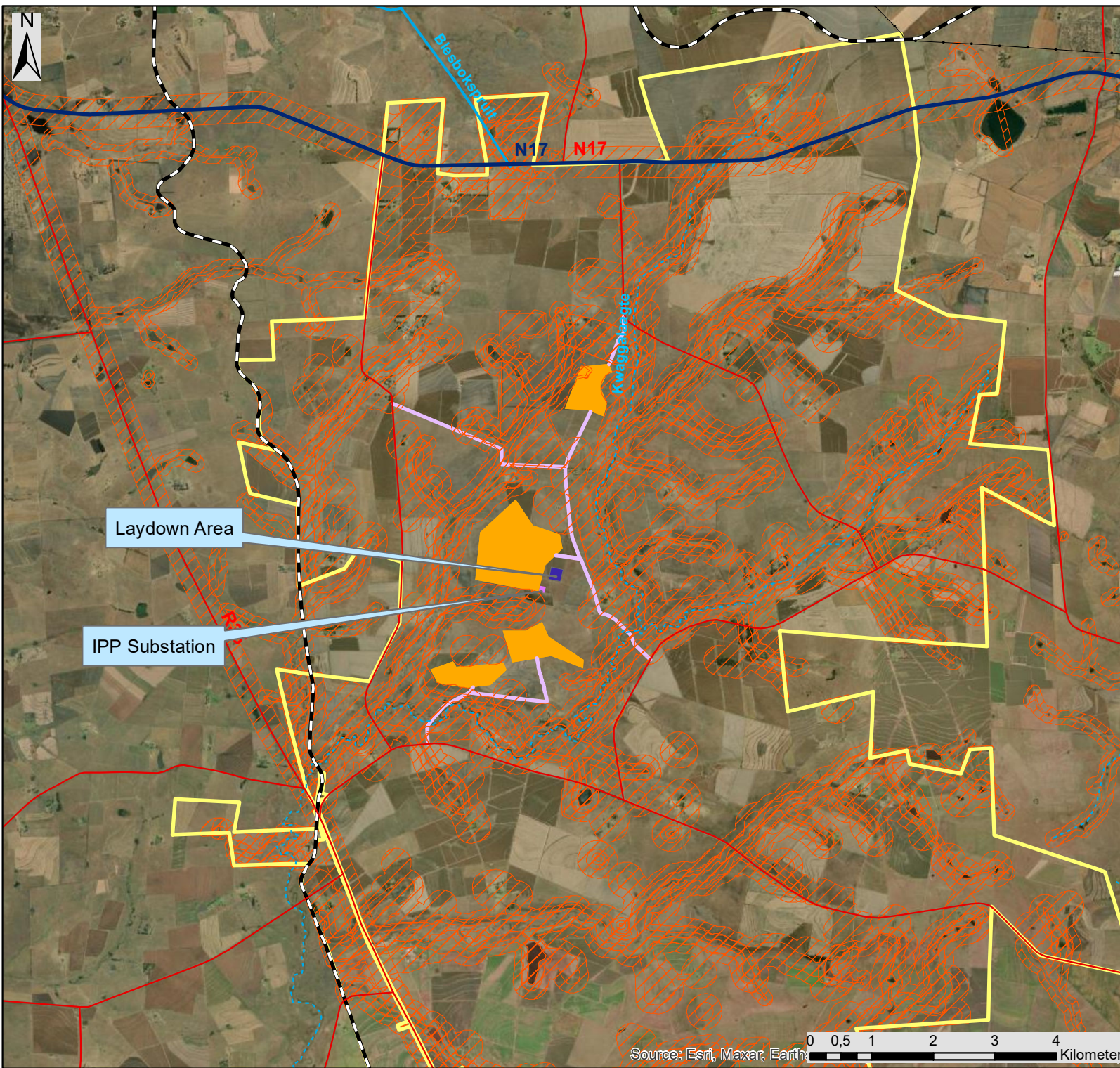
WEF Layout

- Wind Turbines
- Internal Roads

Scale: 1:150 000
Projection: GCS_WGS_1984
Map Ref: Umbila Layout Map

savannah
environmental





Umbila Emoyeni Renewable Energy Solar Facility, Mpumalanga Province

Sensitivity and Layout Map

Legend

- Town
- Existing Power Line
- National Route
- Main Road
- Railway Line
- Perennial River
- Non-perennial River

Proposed Development

- Project Site
- Solar PV Facilities
- Access Roads

Environmental Sensitivities

- No-Go Areas

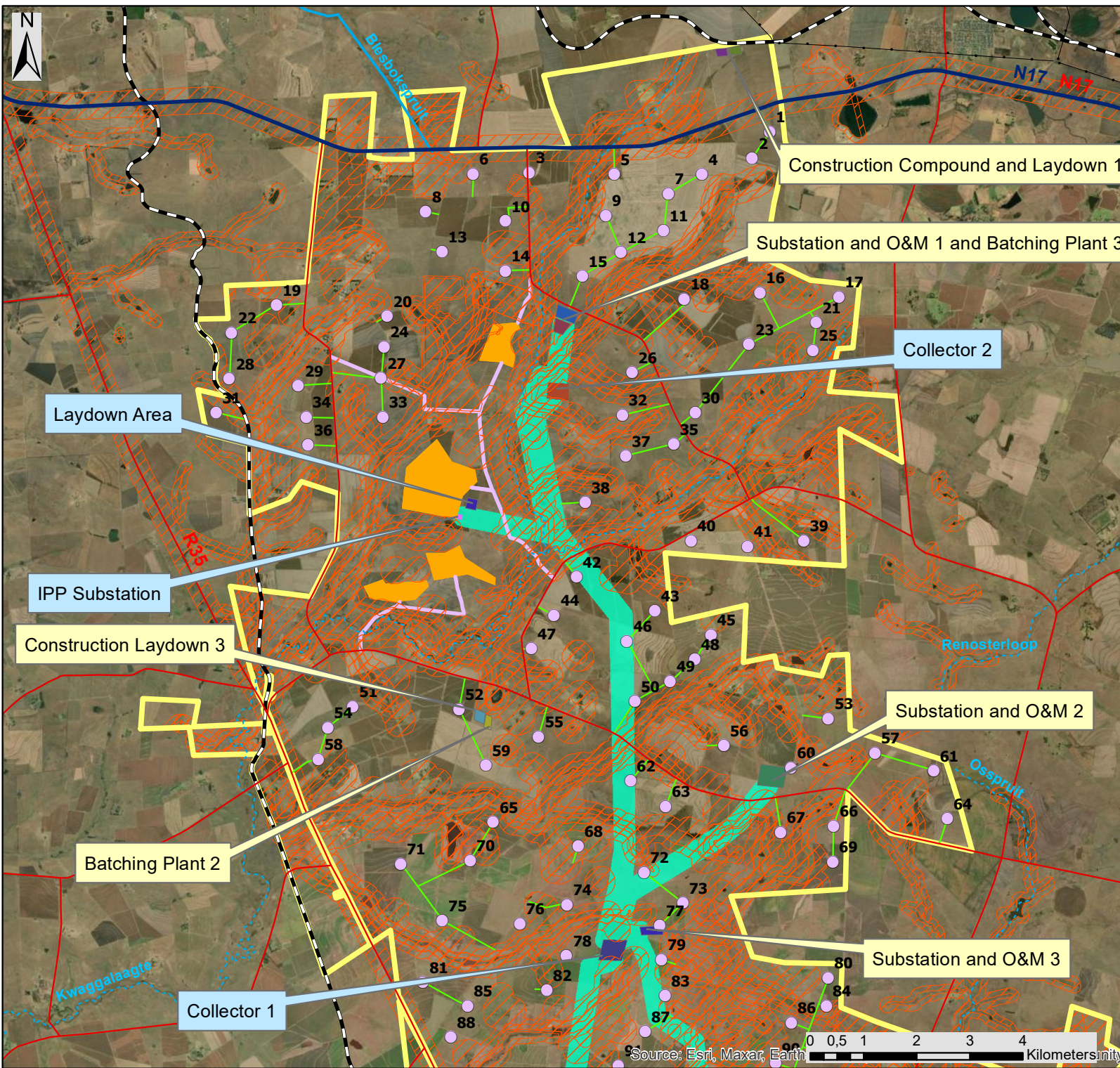
Scale: 1:140 000
Projection: GCS_WGS_1984
Map Ref: Umbila Solar Sensitivity and Layout Map

savannah
environmental



Source: Esri, Maxar, Earth

0 0,5 1 2 3 4 Kilometers



Umbila Emoyeni Renewable Energy Facility, Mpumalanga Province

Combined SEF and WEF Sensitivity Map

Legend

- Town
- Existing Power Line
- National Route
- Main Road
- Railway Line
- Perennial River
- Non-perennial River

Proposed Development

- Project Site
- Solar PV Facilities
- Grid Connection Corridor (300m)
- Access Roads

WEF Layout

- Wind Turbines
- Internal Roads

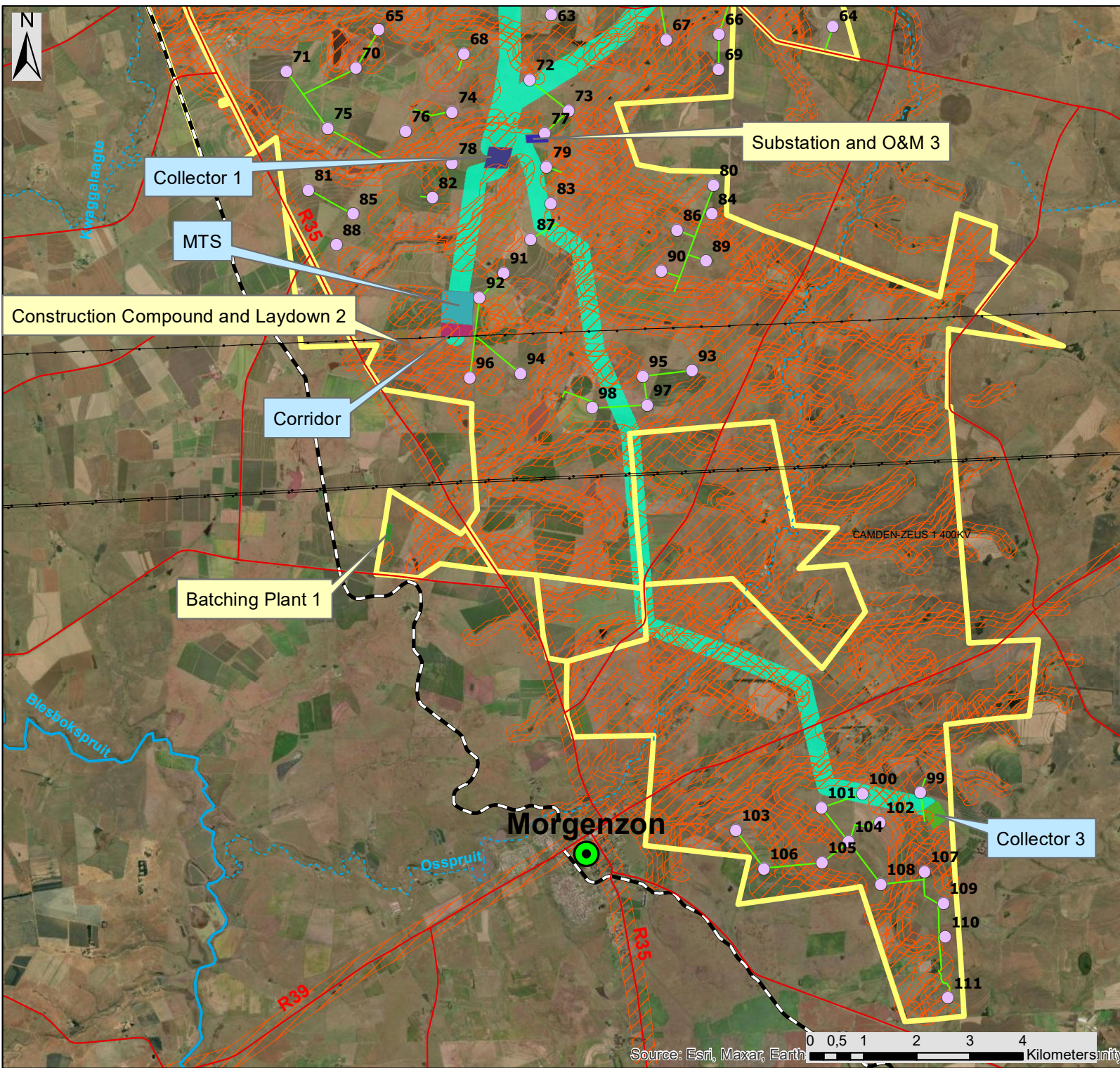
Environmental Sensitivities

- No-Go Areas

Scale: 1:140 000
 Projection: GCS_WGS_1984
 Map Ref: Umbila Combined Sensitivity and Layout Map



Source: Esri, Maxar, Earth



Umbila Emoyeni Renewable Energy Facility, Mpumalanga Province

Combined SEF and WEF Sensitivity Map

Legend

- Town
- Existing Power Line
- National Route
- Main Road
- Railway Line
- Perennial River
- Non-perennial River

Proposed Development

- Project Site

SEF Layout

- Grid Connection Corridor (300m)

WEF Layout

- Wind Turbines
- Internal Roads

Environmental Sensitivities

- No-Go Areas

Scale: 1:100 000
Projection: GCS_WGS_1984
Map Ref: Umbila Combined SEF and WEF Sensitivity Map

savannah
environmental

