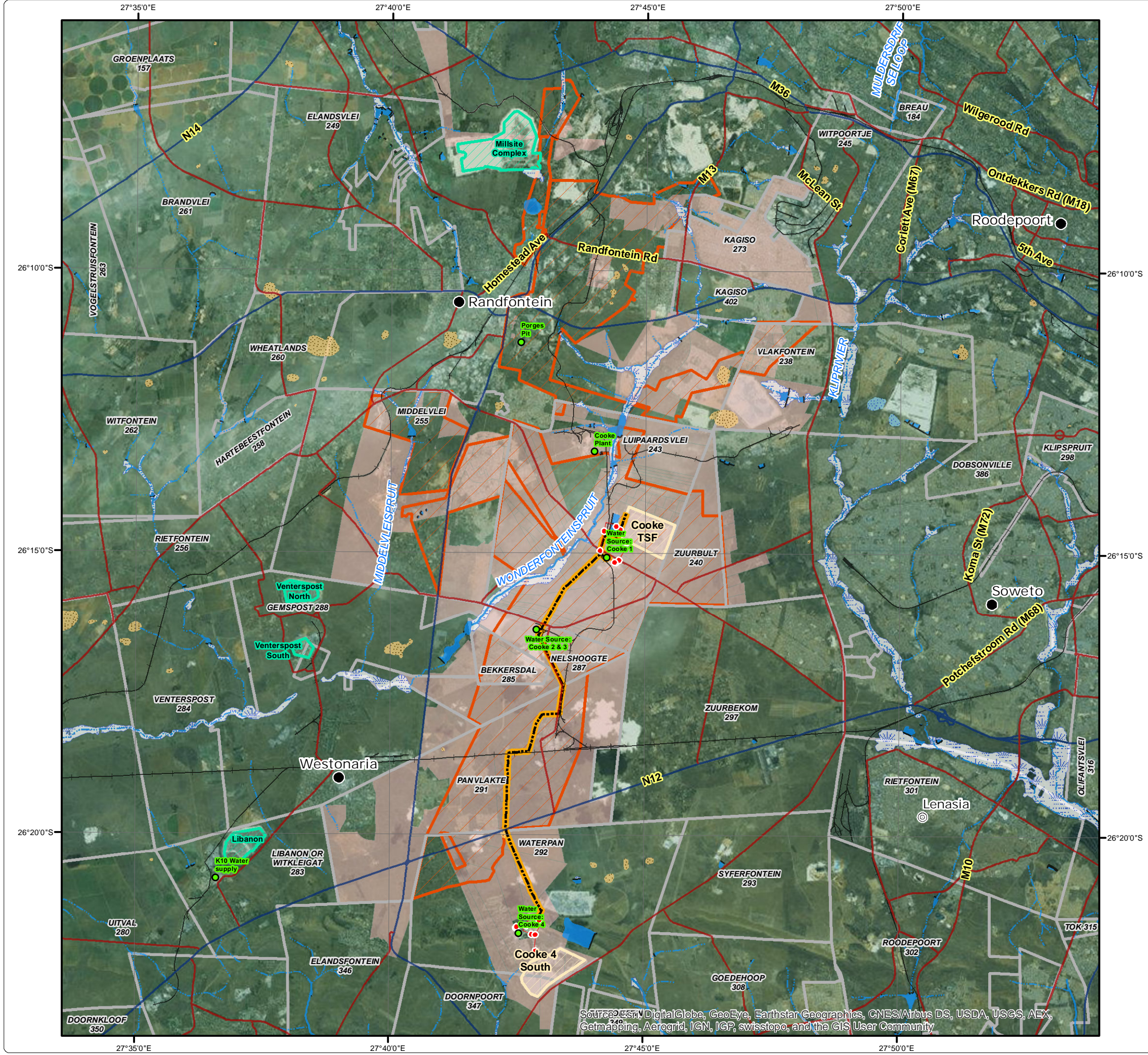


# Sibanye WRTRP EIA

## Cooke Land Tenure



### Legend

- Major Town
- ⊙ Secondary Town
- Arterial / National Route
- Main Road
- +— Railway Line
- - - Non-Perennial Stream
- Perennial Stream
- Dam Wall
- Dam / Lake
- Perennial Pan
- Non-Perennial Pan
- Wetland
- Farm Boundary
- Directly Affected Farm Portion

### Infrastructure

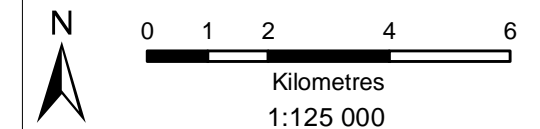
- Infrastructure Point
- Powerlines
- Pipelines: Cooke Mining Right
- TSF within Cooke Mining Right
- TSF Infrastructure
- Cooke Mining Right



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Projection: Transverse Mercator Ref #: sdp.GOL2376.201508.194  
Datum: WGS 1984 Revision Number: 3  
Central Meridian: 27°E Date: 22/12/2015



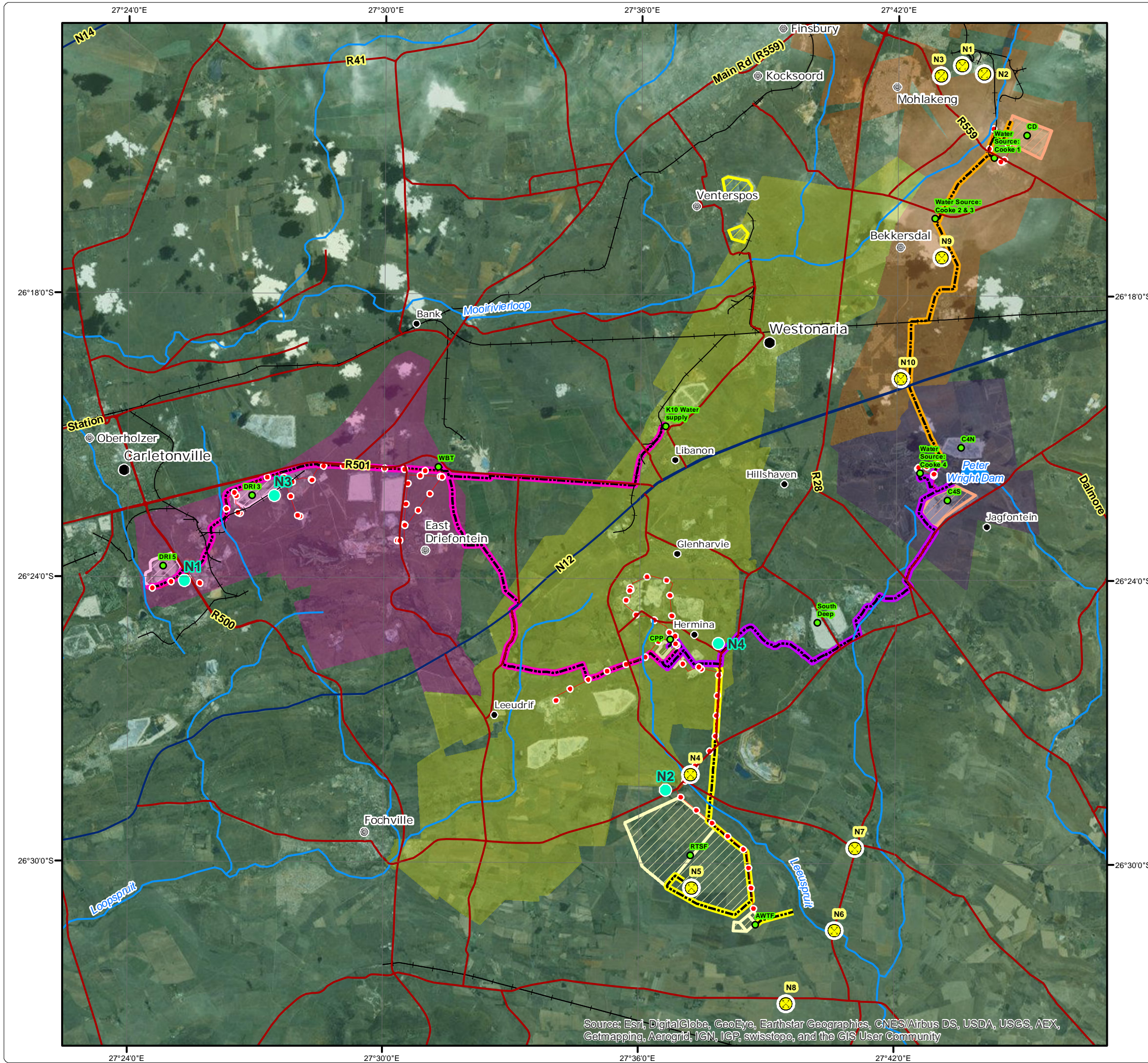
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



# Sibanye WRTRP EIA Noise Monitoring Locations

### Legend

- Current Noise Monitoring Location
  - Historical Noise Monitoring Location
  - Major Town
  - Other Town
  - Settlement
  - Main Roads
  - National Roads
  - Railway Line
  - River
  - Dam
- ### Infrastructure
- Infrastructure Point
  - Pipelines: Kloof Mining Right
  - Pipelines: Driefontein Mining Right
  - Pipelines: Cooke Mining Right
  - Pipelines: Ezulwini Mining Right
  - CPP and Future Uranium Plant
  - Regional Tailings Storage Facility
  - TSF within Kloof Mining Right
  - TSF within Driefontein Mining Right
  - TSF within Cooke Mining Right
  - Kloof Mining Right
  - Driefontein Mining Right
  - Cooke Mining Right
  - Ezulwini Mining Right

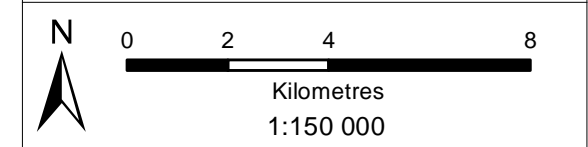


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



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Projection: Transverse Mercator      Ref #: sdp.GOL2376.201507.042  
 Datum: WGS 1984                              Revision Number: 1  
 Central Meridian: 27°E                        Date: 07/12/2015





# Sibanye WRTRP EIA

## Land Types

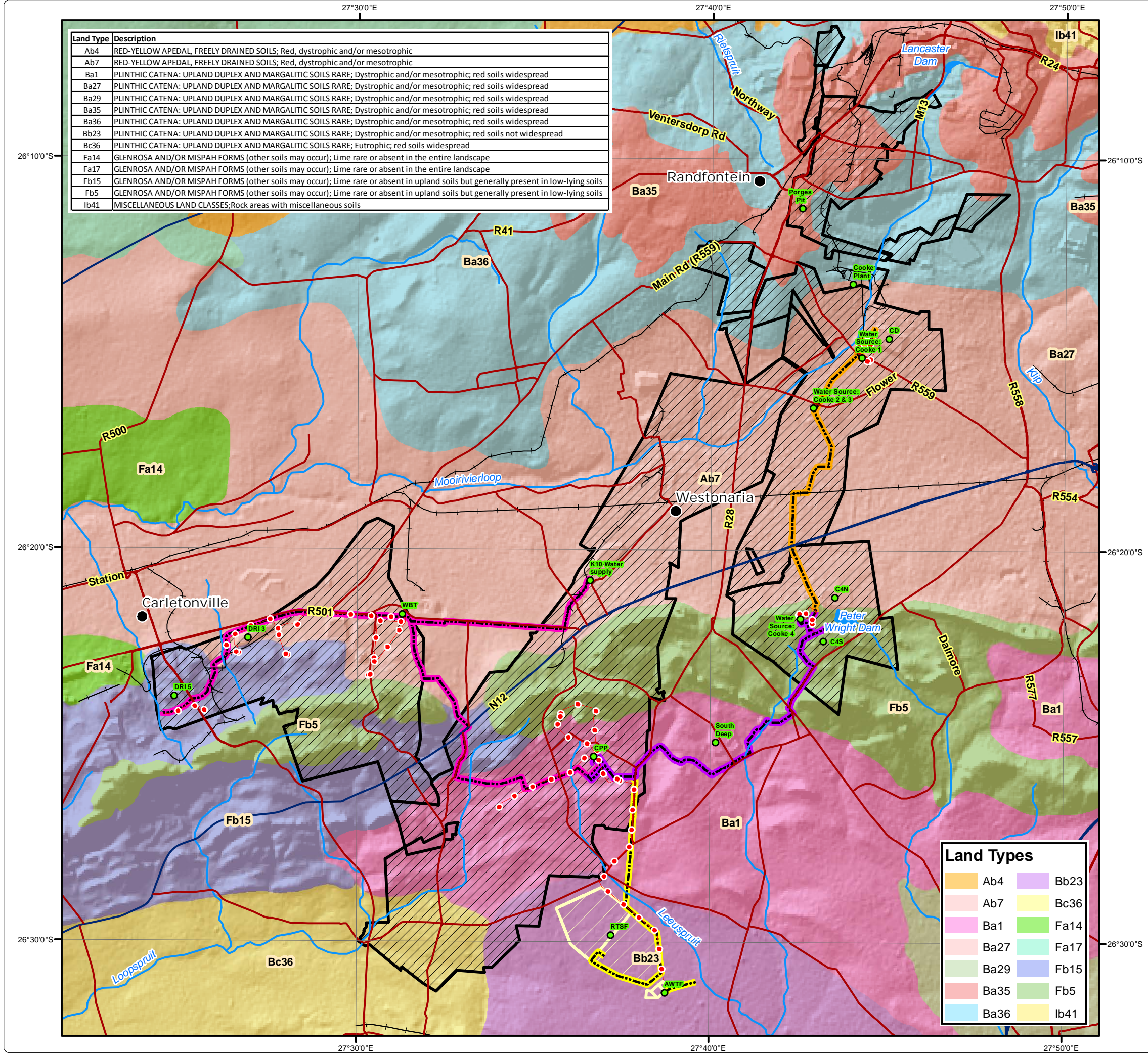
### Legend


- Major Town
- Main Roads
- National Roads
- River
- Railway Line
- Dam
- Infrastructure Point
- Powerlines
- Pipelines: Kloof Mining Right
- Pipelines: Driefontein Mining Right
- Pipelines: Cooke Mining Right
- Pipelines: Ezulwini Mining Right
- Regional Tailings Storage Facility
- ▨ Mining Right Boundary

Land Type	Description
Ab4	RED-YELLOW APEDAL, FREELY DRAINED SOILS; Red, dystrophic and/or mesotrophic
Ab7	RED-YELLOW APEDAL, FREELY DRAINED SOILS; Red, dystrophic and/or mesotrophic
Ba1	PLINTHIC CATENA: UPLAND DUPLIX AND MARGALITIC SOILS RARE; Dystrophic and/or mesotrophic; red soils widespread
Ba27	PLINTHIC CATENA: UPLAND DUPLIX AND MARGALITIC SOILS RARE; Dystrophic and/or mesotrophic; red soils widespread
Ba29	PLINTHIC CATENA: UPLAND DUPLIX AND MARGALITIC SOILS RARE; Dystrophic and/or mesotrophic; red soils widespread
Ba35	PLINTHIC CATENA: UPLAND DUPLIX AND MARGALITIC SOILS RARE; Dystrophic and/or mesotrophic; red soils widespread
Ba36	PLINTHIC CATENA: UPLAND DUPLIX AND MARGALITIC SOILS RARE; Dystrophic and/or mesotrophic; red soils widespread
Bb23	PLINTHIC CATENA: UPLAND DUPLIX AND MARGALITIC SOILS RARE; Dystrophic and/or mesotrophic; red soils not widespread
Bc36	PLINTHIC CATENA: UPLAND DUPLIX AND MARGALITIC SOILS RARE; Eutrophic; red soils widespread
Fa14	GLENROSA AND/OR MISPAH FORMS (other soils may occur); Lime rare or absent in the entire landscape
Fa17	GLENROSA AND/OR MISPAH FORMS (other soils may occur); Lime rare or absent in the entire landscape
Fb15	GLENROSA AND/OR MISPAH FORMS (other soils may occur); Lime rare or absent in upland soils but generally present in low-lying soils
Fb5	GLENROSA AND/OR MISPAH FORMS (other soils may occur); Lime rare or absent in upland soils but generally present in low-lying soils
Ib41	MISCELLANEOUS LAND CLASSES; Rock areas with miscellaneous soils

### Land Types

Ab4	Bb23
Ab7	Bc36
Ba1	Fa14
Ba27	Fa17
Ba29	Fb15
Ba35	Fb5
Ba36	Ib41

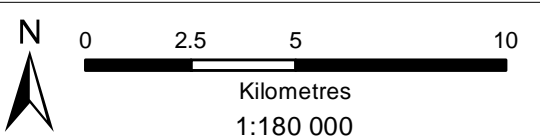




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 Datum: WGS 1984      Revision Number: 3  
 Central Meridian: 27°E      Date: 07/12/2015



N  
0 2.5 5 10  
Kilometres  
1:180 000

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# Sibanye WRTRP EIA

## Land Use

- Land Use**  
**SANBI, 2013**
- Cultivated
  - Degraded
  - Mines
  - Natural
  - Plantations
  - Urban Built-Up
  - Waterbodies

### Legend

- Major Town
- Secondary Town
- Other Town
- Settlement
- Arterial / National Route
- Main Road
- Railway Line
- Non-Perennial Stream
- Perennial Stream

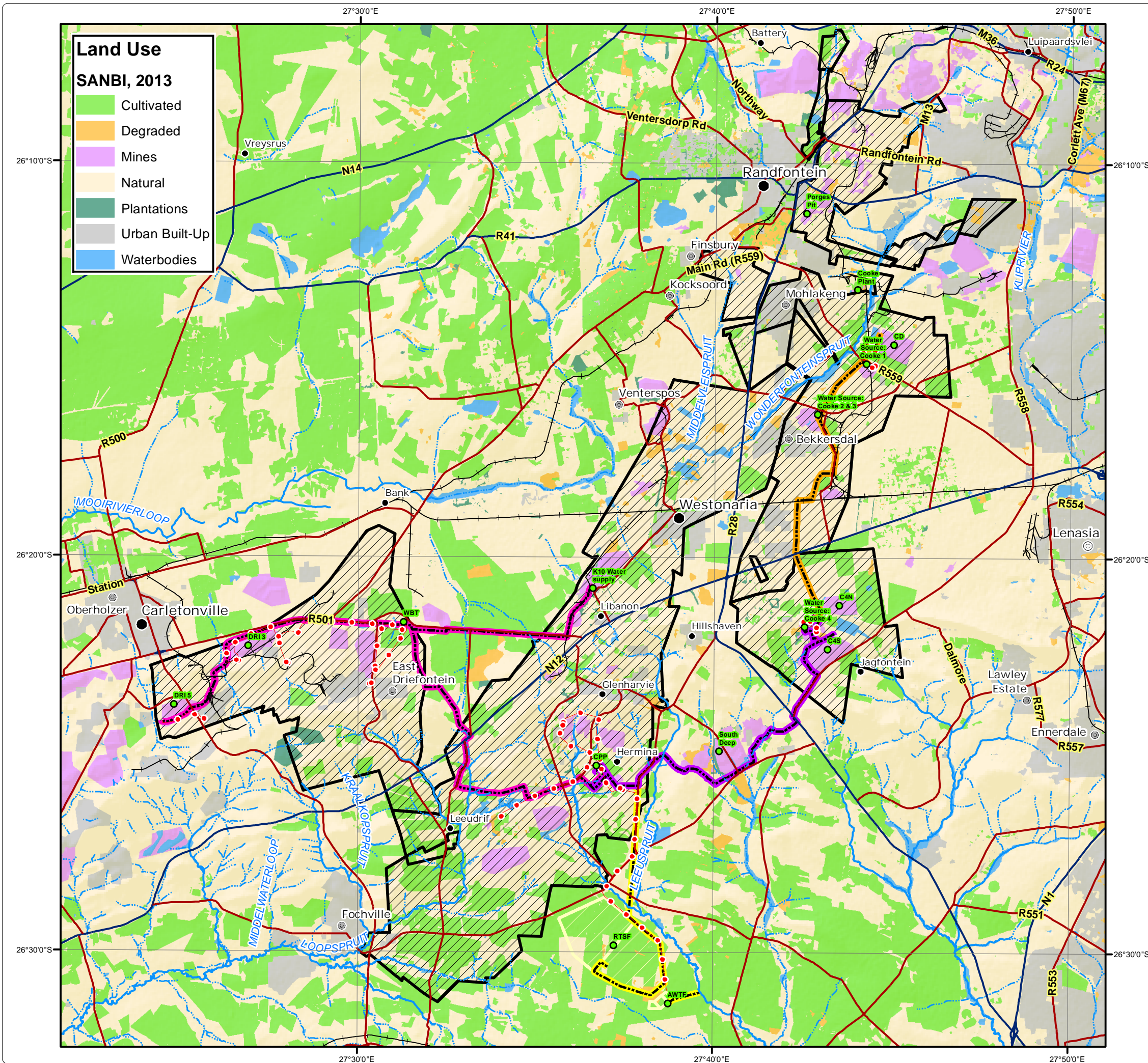
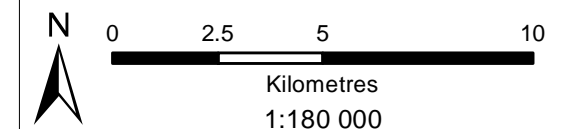
### Infrastructure

- Infrastructure Point
- Powerlines
- Pipelines: Kloof Mining Right
- Pipelines: Driefontein Mining Right
- Pipelines: Cooke Mining Right
- Pipelines: Ezulwini Mining Right
- Regional Tailings Storage Facility
- Mining Right Boundary



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 Datum: WGS 1984                              Revision Number: 3  
 Central Meridian: 27°E                        Date: 07/12/2015





# Sibanye WRTRP EIA

## Land Capability

**Land Capability**  
Klingebeil, A., & Montgomery, P. (1961)

- Class II: Intensive Cultivation
- Class III: Moderate Cultivation
- Class VI: Moderate Grazing

### Legend

- Major Town
- Secondary Town
- Other Town
- Settlement
- Arterial / National Route
- Main Road
- Railway Line
- Non-Perennial Stream
- Perennial Stream
- Dam Wall
- Dam / Lake
- Perennial Pan
- Non-Perennial Pan
- Wetland

### Infrastructure

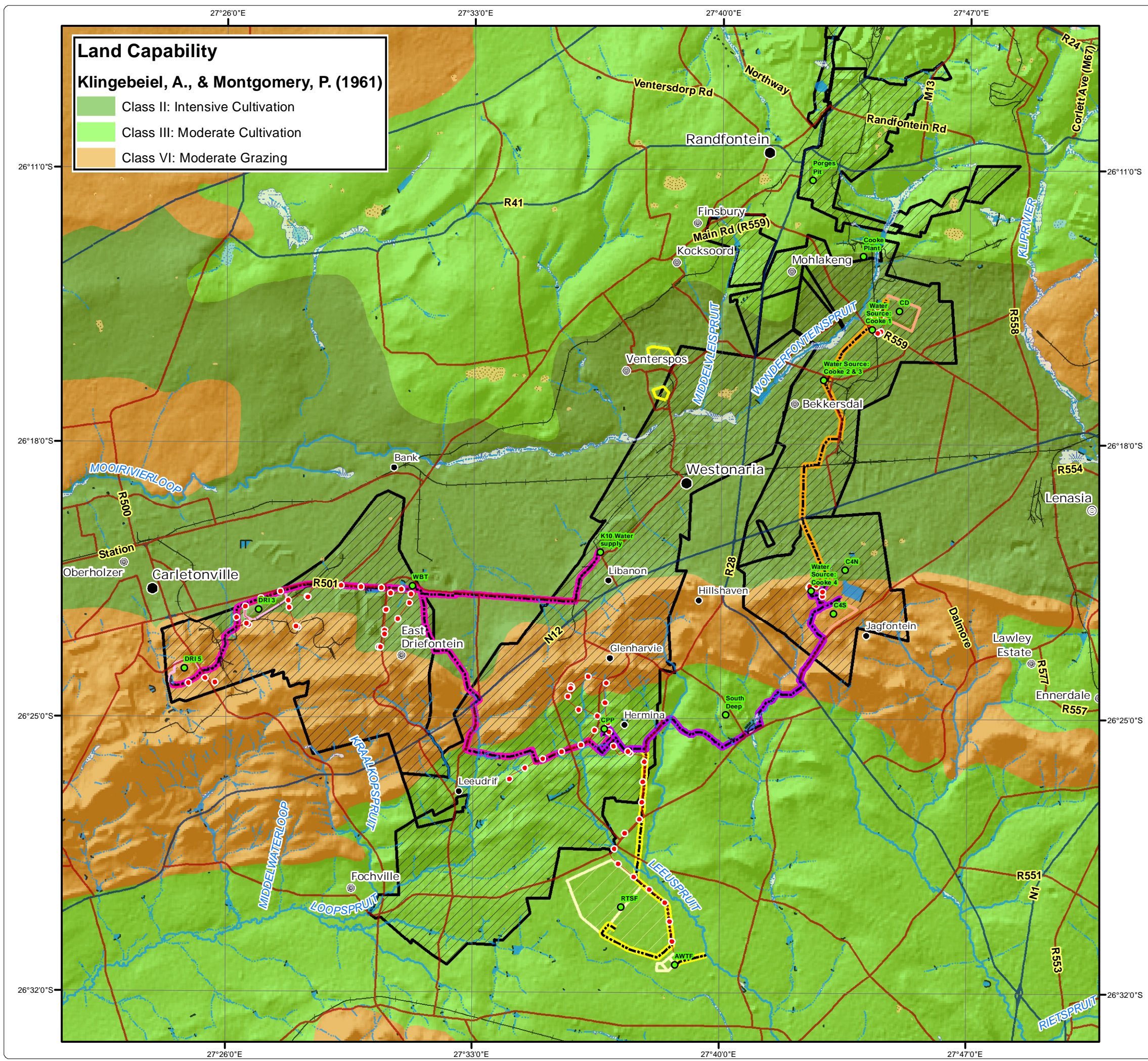
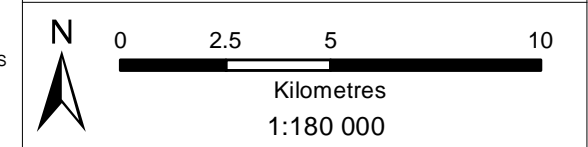
- Infrastructure Point
- Powerlines
- Pipelines: Kloof Mining Right
- Pipelines: Driefontein Mining Right
- Pipelines: Cooke Mining Right
- Pipelines: Ezulwini Mining Right
- Regional Tailings Storage Facility
- TSF within Kloof Mining Right
- TSF within Driefontein Mining Right
- TSF within Cooke Mining Right
- Mining Right Boundary



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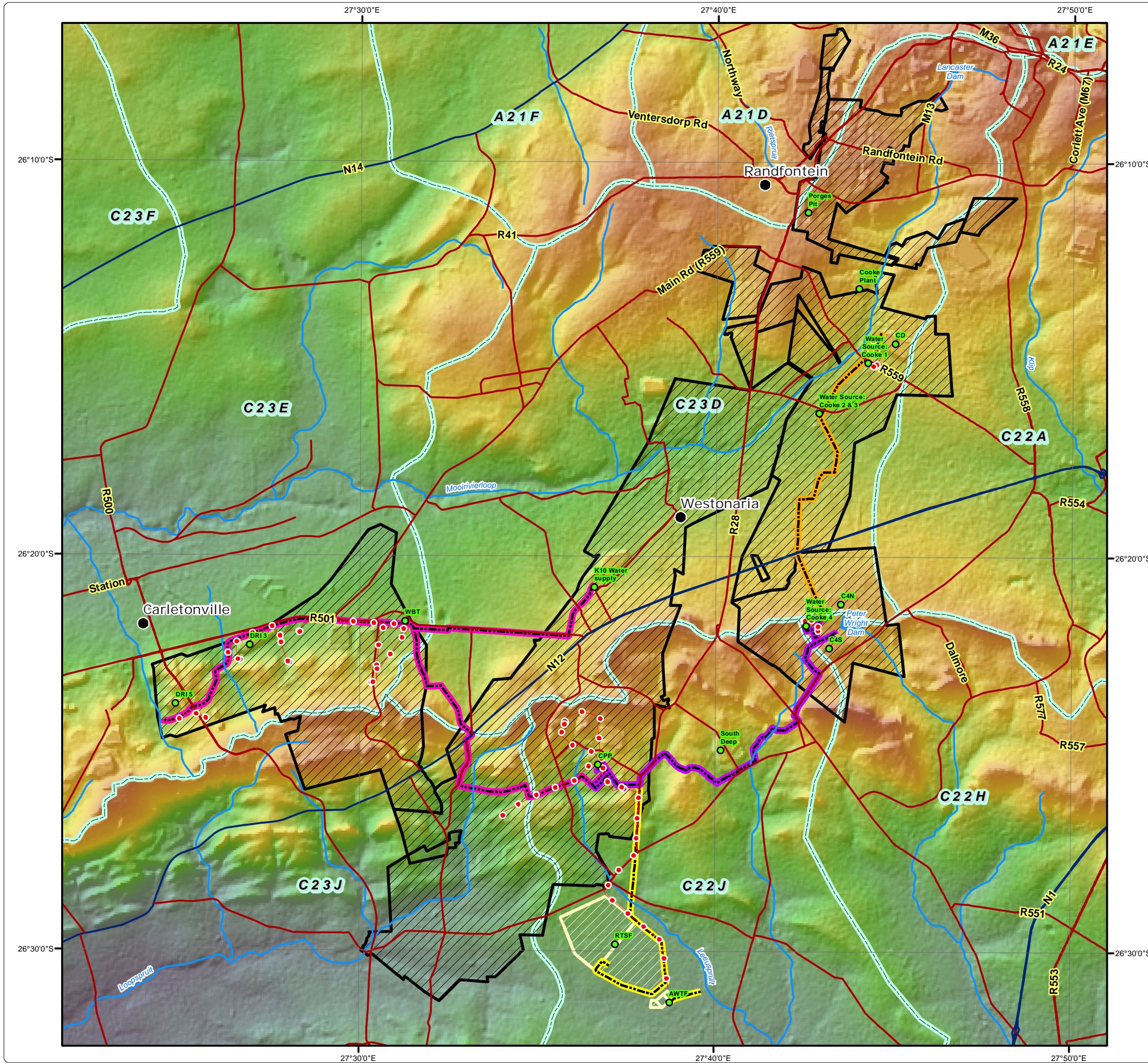
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Datum: WGS 1984 Revision Number: 3  
Central Meridian: 27°E Date: 07/12/2015





# Sibanye WRTRP EIA

## Quaternary Catchments



### Legend

- Major Town
- Main Roads
- National Roads
- River
- Dam
- Quaternary Catchment Boundary
- Infrastructure**
- Infrastructure Point
- Powerlines
- ▨ Regional Tailings Storage Facility
- Pipelines: Kloof Mining Right
- Pipelines: Driefontein Mining Right
- Pipelines: Cooke Mining Right
- Pipelines: Ezulwini Mining Right
- ▨ Mining Right Boundary
- Topography Model**
- Elevation (m.a.m.s.l.)**
- High : 1838
- Low : 1395



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Projection: Transverse Mercator Ref #: sdp.GOL2376.201507.177  
 Datum: WGS 1984 Revision Number: 3  
 Central Meridian: 27°E Date: 22/12/2015

