

# Sibanye WRTRP EIA CPP Practical Viewshed Model

## Legend

- Settlement
- Arterial / National Route
- Main Road
- Minor Road
- - - Non-Perennial Stream
- Perennial Stream
- Dam Wall
- Dam / Lake
- Perennial Pan
- Infrastructure**
- Infrastructure Point
- ▨ CPP and Future Uranium Plant
- ▭ Kloof Mining Right
- CPP Practical Viewshed**
- 0 - 1.5 km: Potentially High Visual Exposure
- 1.5 - 3 km: Potentially Moderate Visual Exposure
- 3 - 4 km: Potentially Low Visual Exposure
- - - 4 km Buffer of CPP

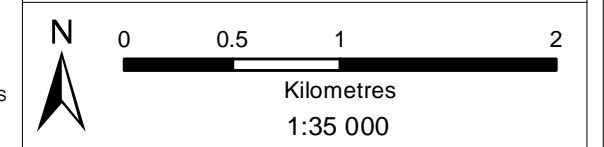


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



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Projection: Transverse Mercator	Ref #: kam.GOL2376.201508.019
Datum: WGS 1984	Revision Number: 1
Central Meridian: 27°E	Date: 26/10/2015



# Sibanye WRTRP EIA Surrounding Road Network

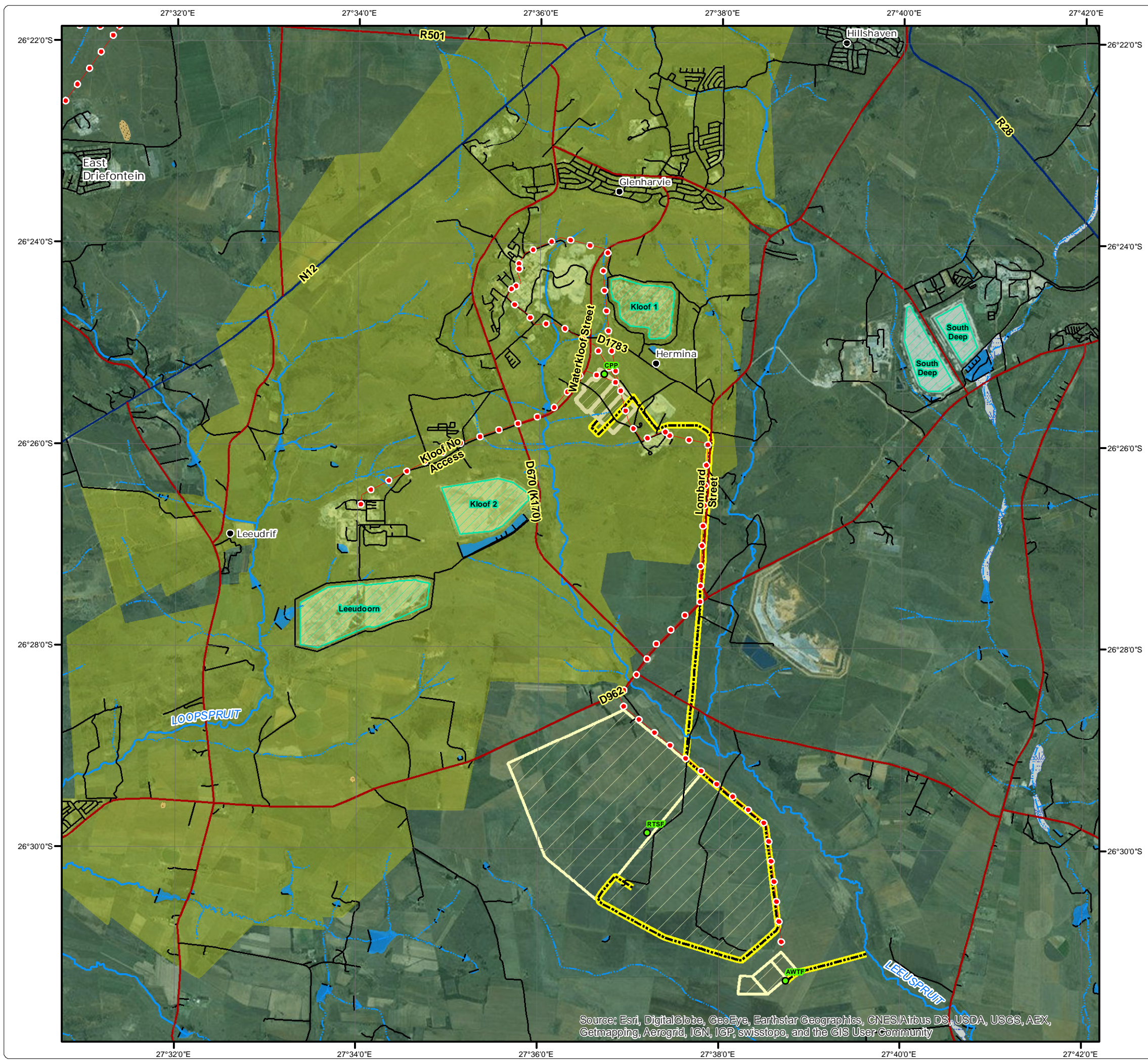
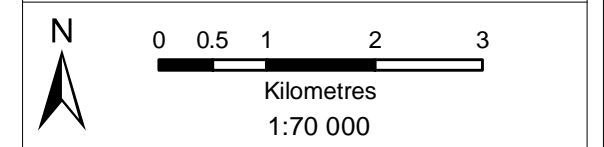
## Legend

- Settlement
  - Arterial / National Route
  - Main Road
  - Minor 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
  - CPP and Future Uranium Plant
  - Regional Tailings Storage Facility
  - TSF Infrastructure
  - Kloof Mining Right



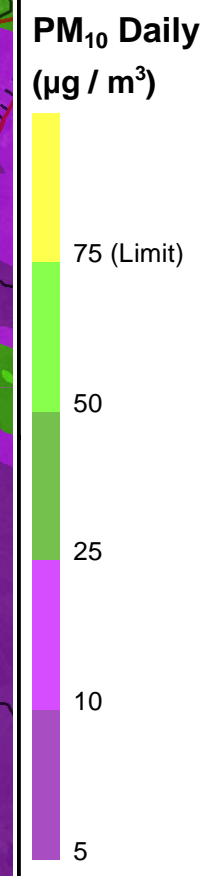
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Projection: Transverse Mercator      Ref #: meg.GOL2376.201601.042  
 Datum: WGS 1984      Revision Number: 1  
 Central Meridian: 27°E      Date: 13/01/2016



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

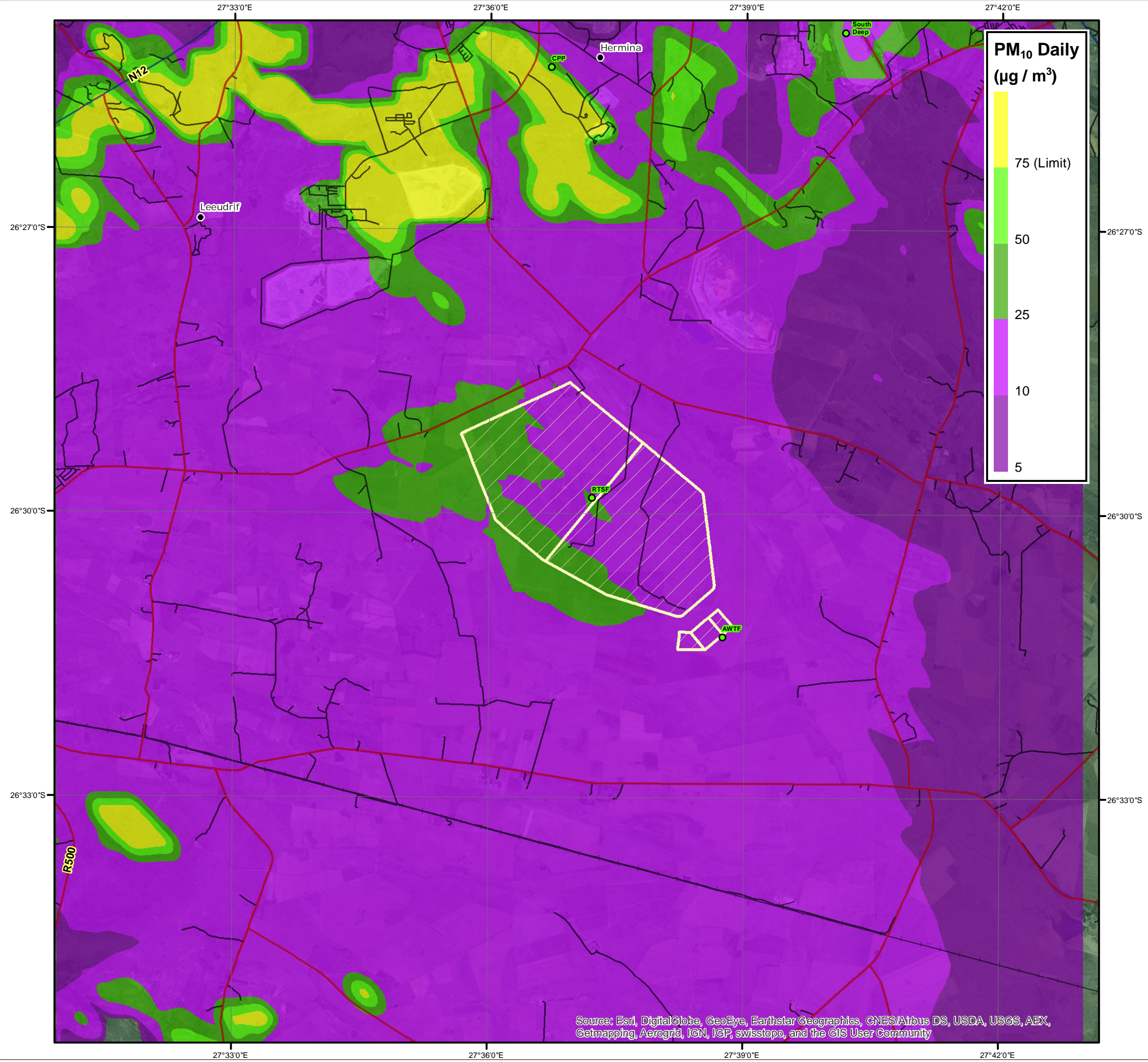
# Sibanye WRTRP EIA RTSF PM<sub>10</sub> Daily



### Legend

- Settlement
- Arterial / National Route
- Main Road
- Minor Road
- Railway Line
- Infrastructure Point
- ▨ Regional Tailings Storage Facility

### Infrastructure

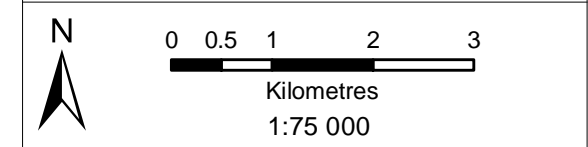


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



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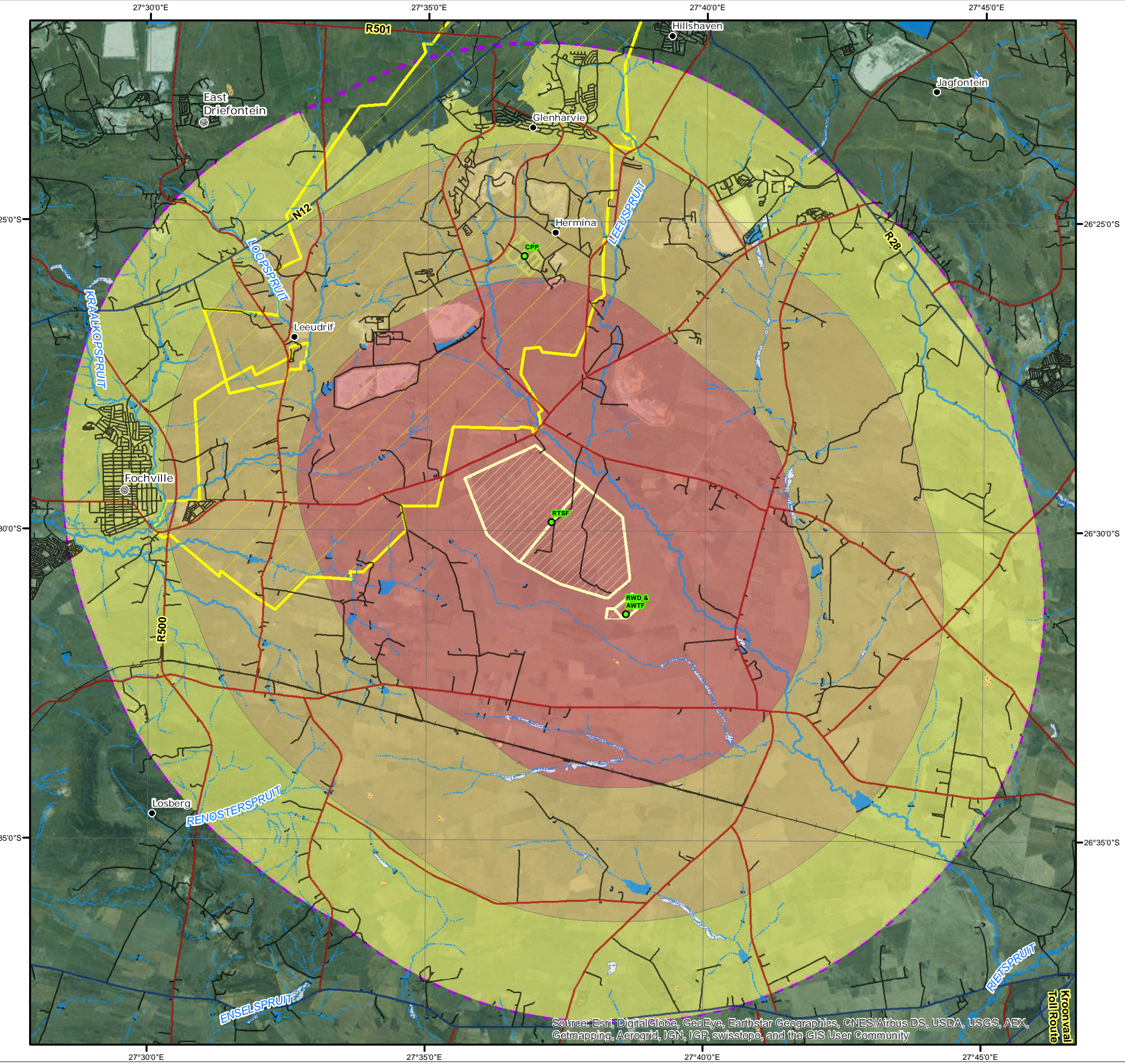
Projection: Transverse Mercator	Ref #: sdp.GOL2376.201507.167
Datum: WGS 1984	Revision Number: 2
Central Meridian: 27°E	Date: 13/01/2016



# Sibanye WRTRP EIA RTSF Practical Viewshed Model

## Legend

- Other Town
  - Settlement
  - Arterial / National Route
  - Main Road
  - Minor Road
  - +— Railway Line
  - Non-Perennial Stream
  - Perennial Stream
  - Dam Wall
  - Dam / Lake
  - Perennial Pan
  - Non-Perennial Pan
  - Wetland
- Infrastructure**
- Infrastructure Point
  - CPP and Future Uranium Plant
  - Regional Tailings Storage Facility
  - Kloof Mining Right
- RTSF Practical Viewshed**
- 0 - 5 km: Potentially High Visual Exposure
  - 5 - 9 km: Potentially Moderate Visual Exposure
  - 9 - 12 km: Potentially Low Visual Exposure
  - 12 km Buffer of RTSF

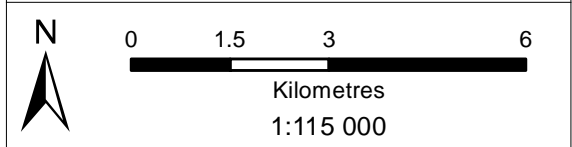


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



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Projection: Transverse Mercator    Ref #: kam.GOL2376.201508.021  
Datum: WGS 1984    Revision Number: 1  
Central Meridian: 27°E    Date: 26/11/2015



# Sibanye WRTRP EIA RTSF Dust Deposition No Mitigation

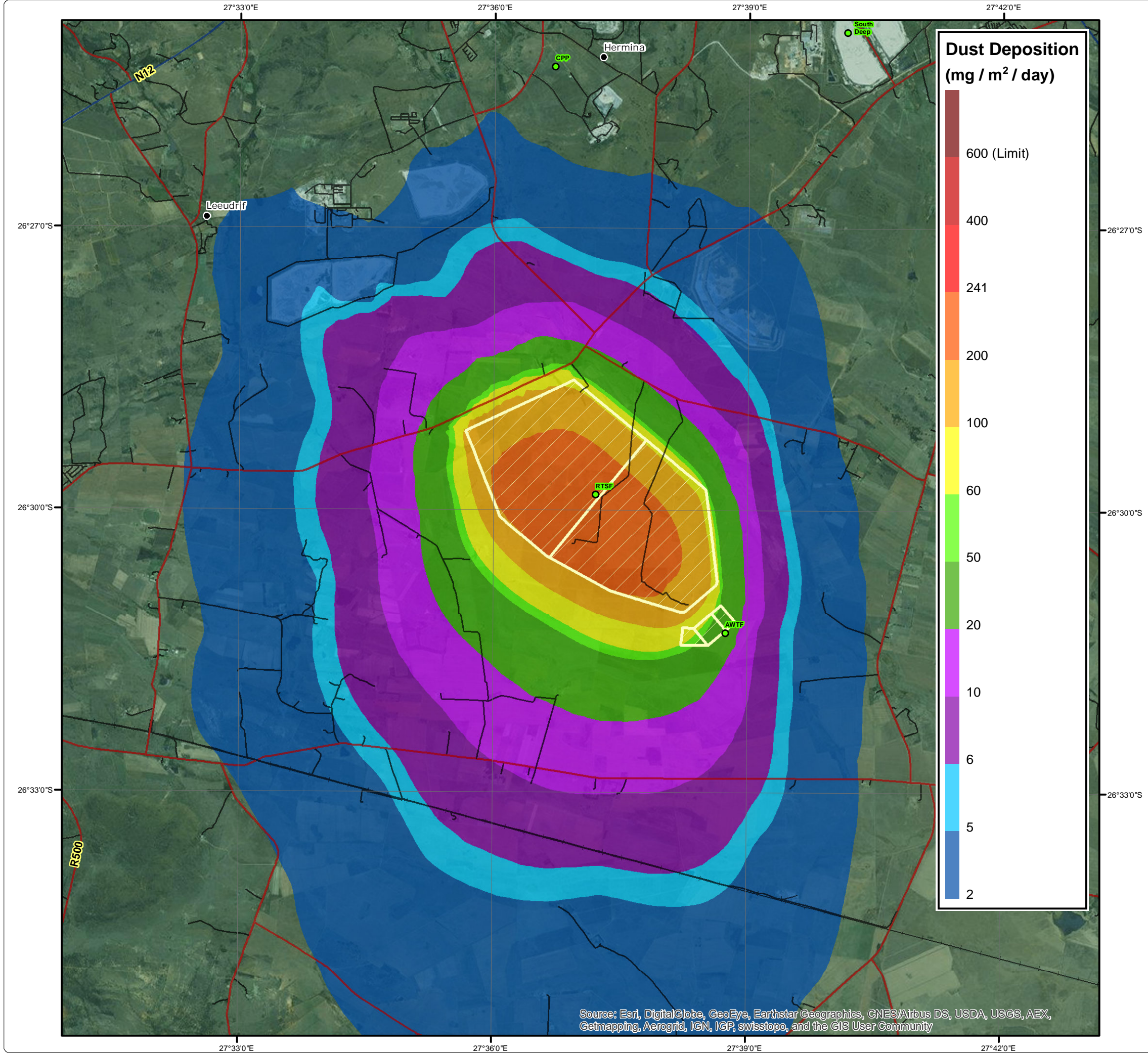
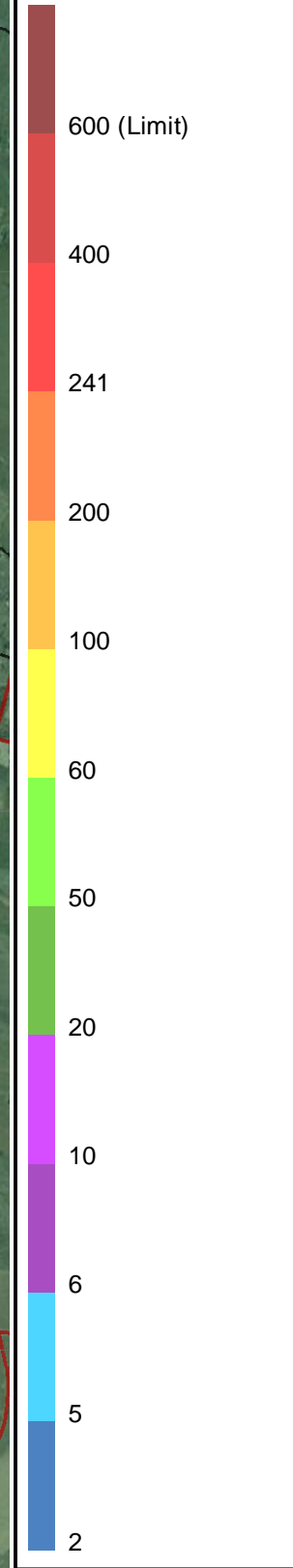
## Legend

- Settlement
- Arterial / National Route
- Main Road
- Minor Road
- Railway Line
- Infrastructure Point
- ▨ Regional Tailings Storage Facility

## Infrastructure

- Infrastructure Point
- ▨ Regional Tailings Storage Facility

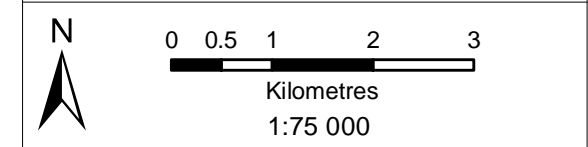
## Dust Deposition (mg / m<sup>2</sup> / day)



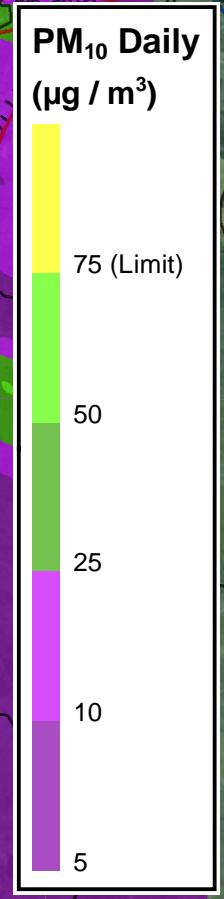
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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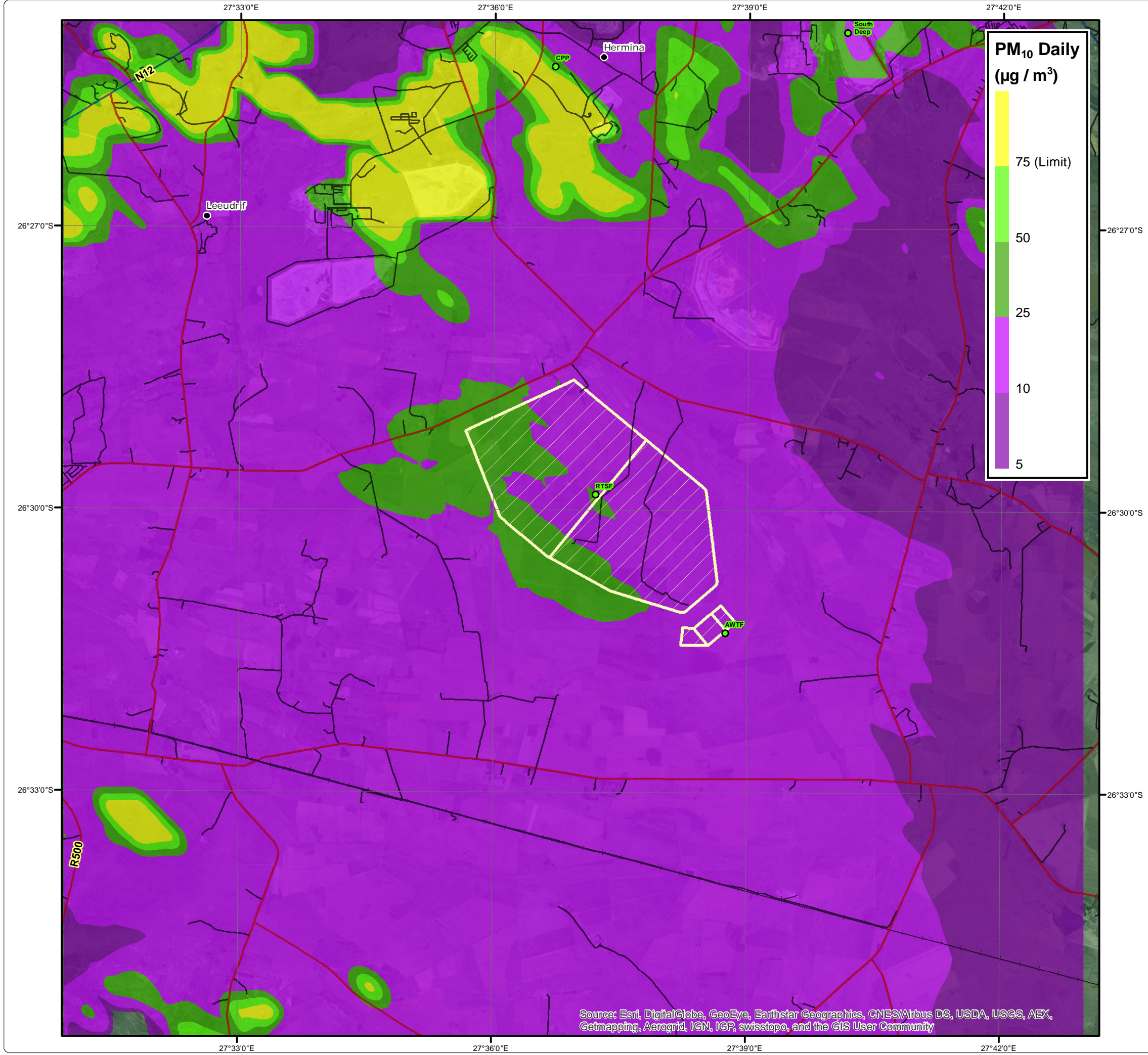
Projection: Transverse Mercator    Ref #: sdp.GOL2376.201507.165  
 Datum: WGS 1984    Revision Number: 2  
 Central Meridian: 27°E    Date: 13/01/2016



# Sibanye WRTRP EIA RTSF PM<sub>10</sub> Daily



- ### Legend
- Settlement
  - Arterial / National Route
  - Main Road
  - Minor Road
  - +— Railway Line
- ### Infrastructure
- Infrastructure Point
  - ▨ Regional Tailings Storage Facility

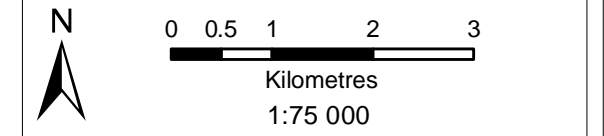


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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Projection: Transverse Mercator    Ref #: sdp.GOL2376.201507.167  
Datum: WGS 1984    Revision Number: 1  
Central Meridian: 27°E    Date: 21/12/2015



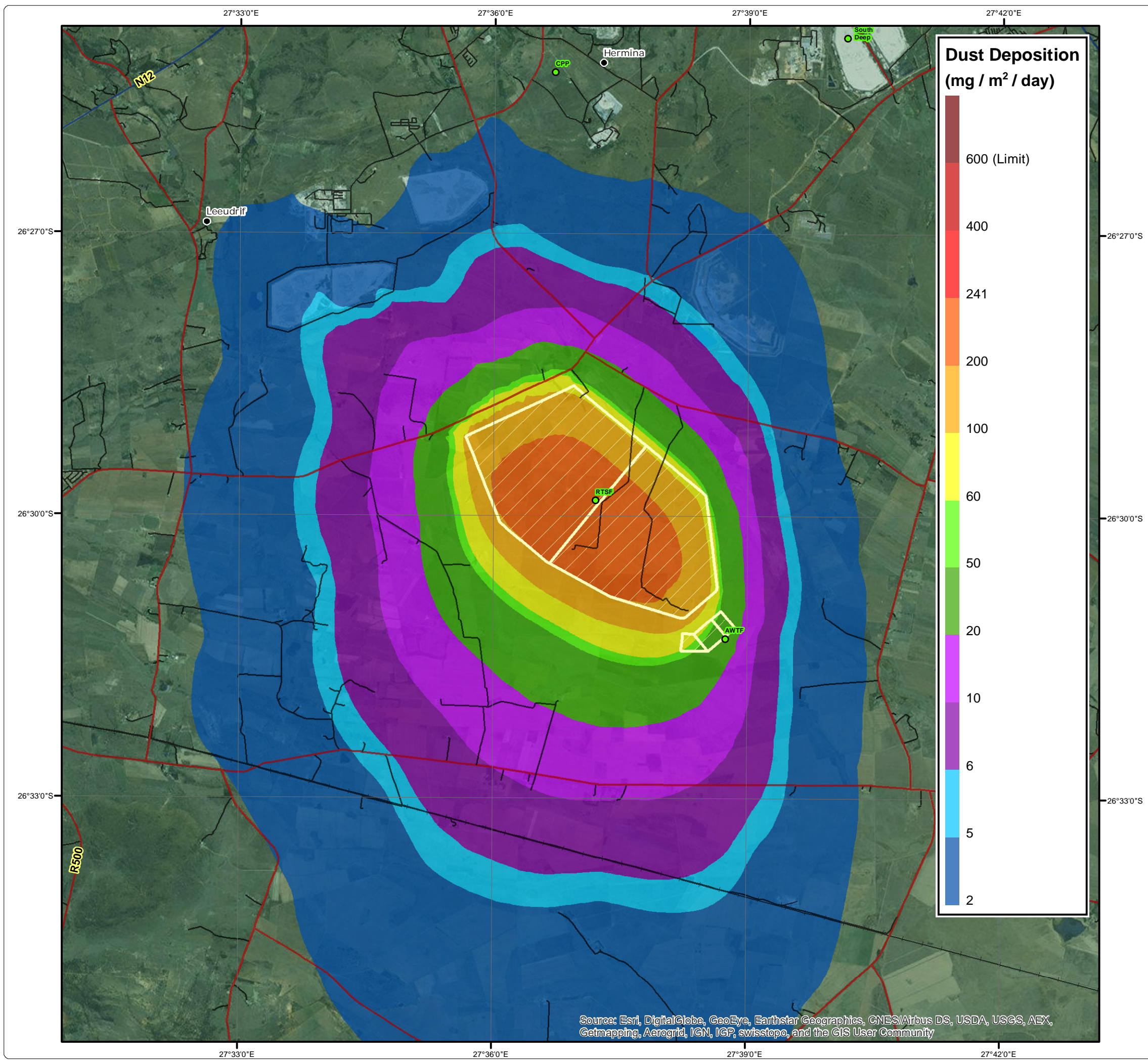
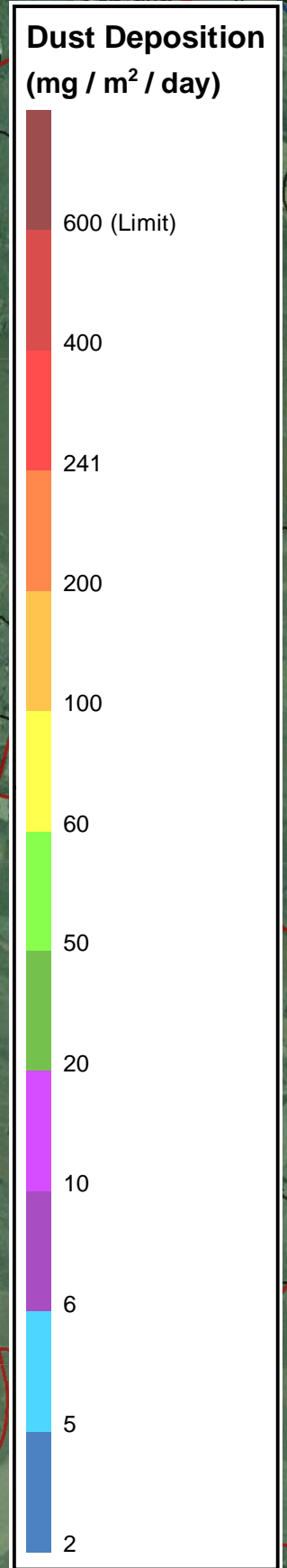
# Sibanye WRTRP EIA RTSF Dust Deposition No Mitigation

## Legend

- Settlement
- Arterial / National Route
- Main Road
- Minor Road
- Railway Line
- Infrastructure Point
- ▨ Regional Tailings Storage Facility

## Infrastructure

- Infrastructure Point
- ▨ Regional Tailings Storage Facility



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.GOL2376.201507.165  
 Datum: WGS 1984                              Revision Number: 1  
 Central Meridian: 27°E                        Date: 21/12/2015

