

Site Boundary Vertices	Longitude	Latitude
1	030° 17' 24.77454720" E	26° 33' 23.62496040" S
2	030° 18' 28.85037480" E	26° 30' 21.71859840" S
3	030° 20' 52.66516920" E	26° 31' 29.90988840" S
4	030° 19' 42.75869880" E	26° 34' 07.55476680" S

Grid Co-ordinates	Start/End	Type	Longitude	Latitude
1	Start Point	Preferred	030° 05' 51.72514080" E	26° 37' 05.99451960" S
2	End Point	Preferred	030° 19' 32.12822280" E	26° 32' 46.81676040" S
3	Start Point	Alternative 3	030° 05' 52.38586680" E	26° 37' 00.64857720" S
4	End Point	Alternative 3	030° 19' 29.46659160" E	26° 32' 48.46480800" S
5	Start Point	Alternative 2	030° 04' 10.50634200" E	26° 38' 43.88054640" S
6	End Point	Alternative 2	030° 19' 32.21412960" E	26° 32' 46.54567320" S
7	Start Point	Alternative 1	030° 04' 10.59708000" E	26° 38' 43.97045640" S
8	End Point	Alternative 1	030° 19' 32.13765120" E	26° 32' 46.81788000" S



**Rochdale WEF Infrastructure**

- Turbine Locations
- Rochdale WEF Boundary
- Grid Co-ordinates
- Site Boundary Vertices

**Associated Infrastructure Locations**

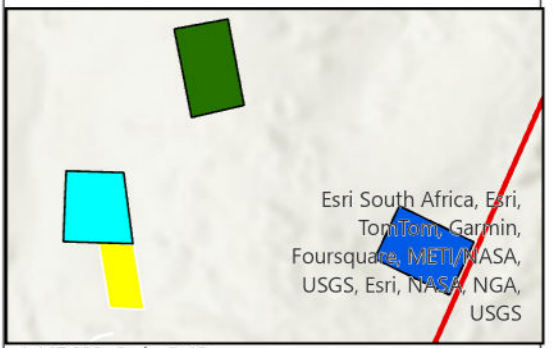
- Substation
- O&M Buildings
- Laydown Area (Preferred)
- Laydown Area (Alternative)

**Grid Connection Options**

- Alternative 2 Grid Connection
- Preferred Grid Connection
- Alternative 3 Grid Connection
- Alternative 1 Grid Connection

**Public Roads**

- National Road
- Arterial Road
- Secondary Road

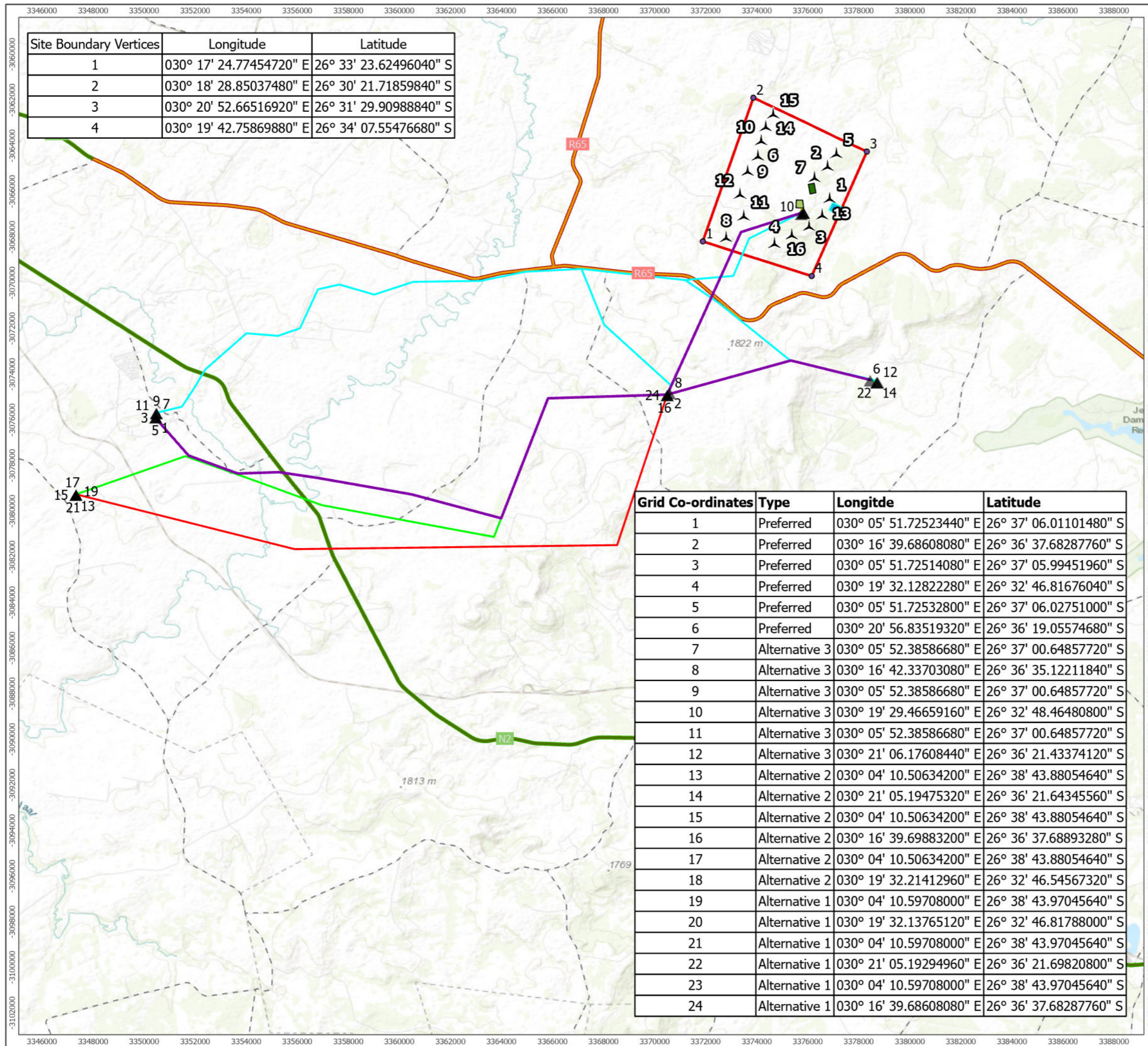


1:145,000 Scale @ A3  
 0 2.85 5.7 km

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**Site Locality Map with Co-ordinates**  
 Figure 1

**Rochdale WEF Scoping Report**



Site Boundary Vertices	Longitude	Latitude
1	030° 17' 24.77454720" E	26° 33' 23.62496040" S
2	030° 18' 28.85037480" E	26° 30' 21.71859840" S
3	030° 20' 52.66516920" E	26° 31' 29.90988840" S
4	030° 19' 42.75869880" E	26° 34' 07.55476680" S

Grid Co-ordinates	Type	Longitude	Latitude
1	Preferred	030° 05' 51.72523440" E	26° 37' 06.01101480" S
2	Preferred	030° 16' 39.68608080" E	26° 36' 37.68287760" S
3	Preferred	030° 05' 51.72514080" E	26° 37' 05.99451960" S
4	Preferred	030° 19' 32.12822280" E	26° 32' 46.81676040" S
5	Preferred	030° 05' 51.72532800" E	26° 37' 06.02751000" S
6	Preferred	030° 20' 56.83519320" E	26° 36' 19.05574680" S
7	Alternative 3	030° 05' 52.38586680" E	26° 37' 00.64857720" S
8	Alternative 3	030° 16' 42.33703080" E	26° 36' 35.12211840" S
9	Alternative 3	030° 05' 52.38586680" E	26° 37' 00.64857720" S
10	Alternative 3	030° 19' 29.46659160" E	26° 32' 48.46480800" S
11	Alternative 3	030° 05' 52.38586680" E	26° 37' 00.64857720" S
12	Alternative 3	030° 21' 06.17608440" E	26° 36' 21.43374120" S
13	Alternative 2	030° 04' 10.50634200" E	26° 38' 43.88054640" S
14	Alternative 2	030° 21' 05.19475320" E	26° 36' 21.64345560" S
15	Alternative 2	030° 04' 10.50634200" E	26° 38' 43.88054640" S
16	Alternative 2	030° 16' 39.69883200" E	26° 36' 37.68893280" S
17	Alternative 2	030° 04' 10.50634200" E	26° 38' 43.88054640" S
18	Alternative 2	030° 19' 32.21412960" E	26° 32' 46.54567320" S
19	Alternative 1	030° 04' 10.59708000" E	26° 38' 43.97045640" S
20	Alternative 1	030° 19' 32.13765120" E	26° 32' 46.81788000" S
21	Alternative 1	030° 04' 10.59708000" E	26° 38' 43.97045640" S
22	Alternative 1	030° 21' 05.19294960" E	26° 36' 21.69820800" S
23	Alternative 1	030° 04' 10.59708000" E	26° 38' 43.97045640" S
24	Alternative 1	030° 16' 39.68608080" E	26° 36' 37.68287760" S



**Rochdale WEF Infrastructure**

- Turbine Locations
- Amsterdam WEF Boundary (Rochdale)
- Grid Co-ordinates
- Site Boundary Vertices

**Associated Infrastructure Locations**

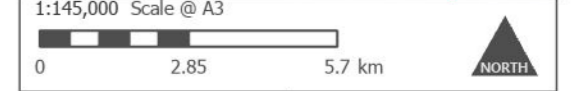
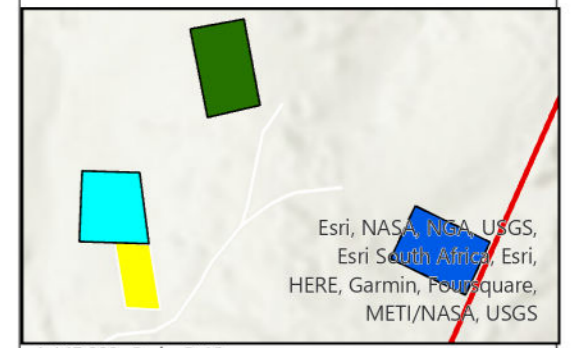
- Substation
- O&M Buildings
- Laydown Area (Preferred)
- Laydown Area (Alternative)

**Grid Connection Options**

- Alternative 2 Grid Connection
- Preferred Grid Connection
- Alternative 3 Grid Connection
- Alternative 1 Grid Connection

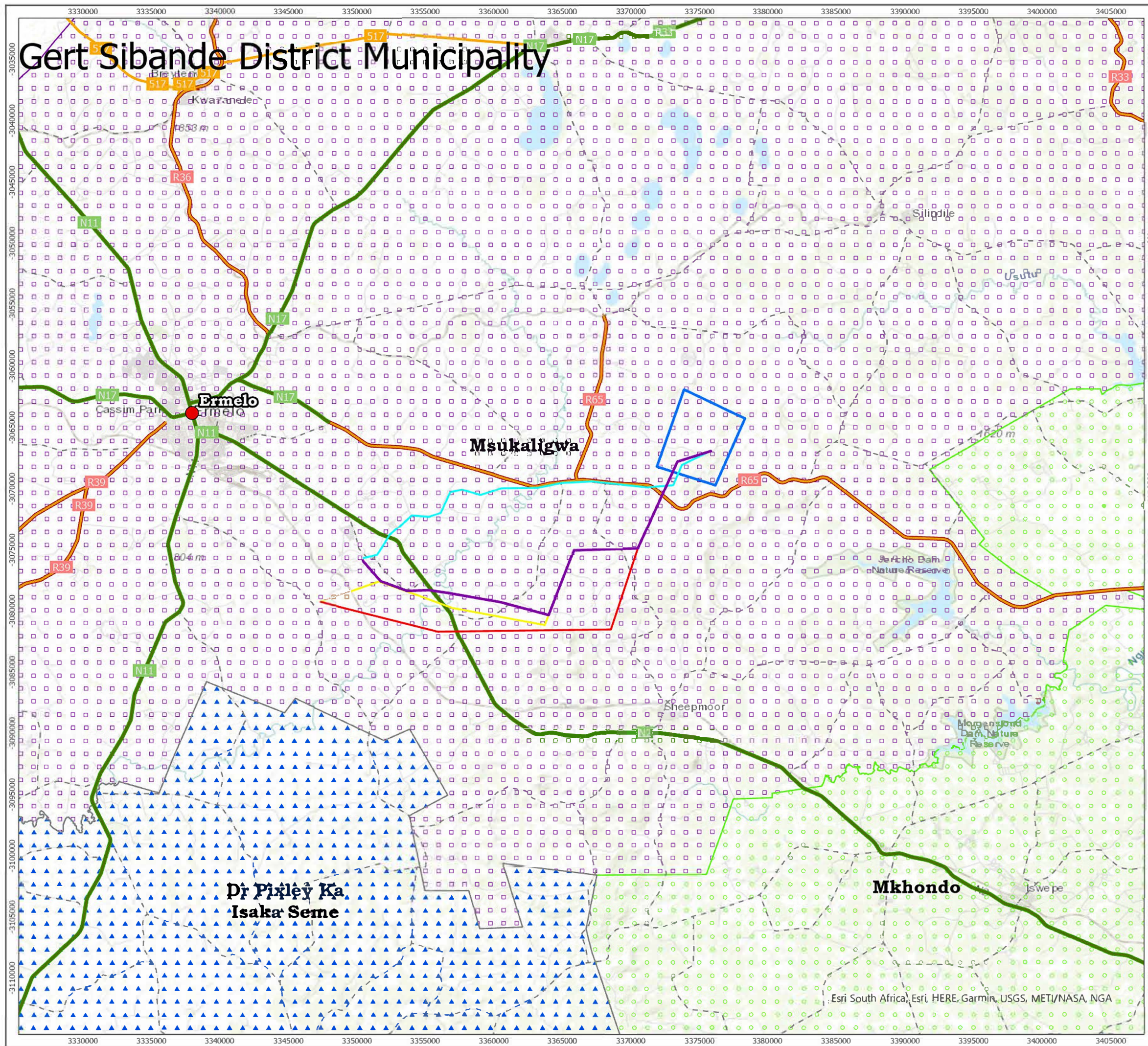
**Public Roads**

- National Road
- Arterial Road
- Secondary Road



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**Site Locality Map**  
Figure 1



ERM

- Ermelo Town
- Rochdale WEF Boundary
- Grid Connection Options**
- Preferred Grid Connection
- Alternative 1 Grid Connection
- Alternative 2 Grid Connection
- Alternative 3 Grid Connection
- Local Municipalities**
- ▲▲▲ Dr Pixley Ka Isaka Seme
- Mkhondo
- Msukaligwa
- Public Roads**
- National Road
- Arterial Road
- Main Road
- Secondary Road
- On/Off Ramp or Slipway

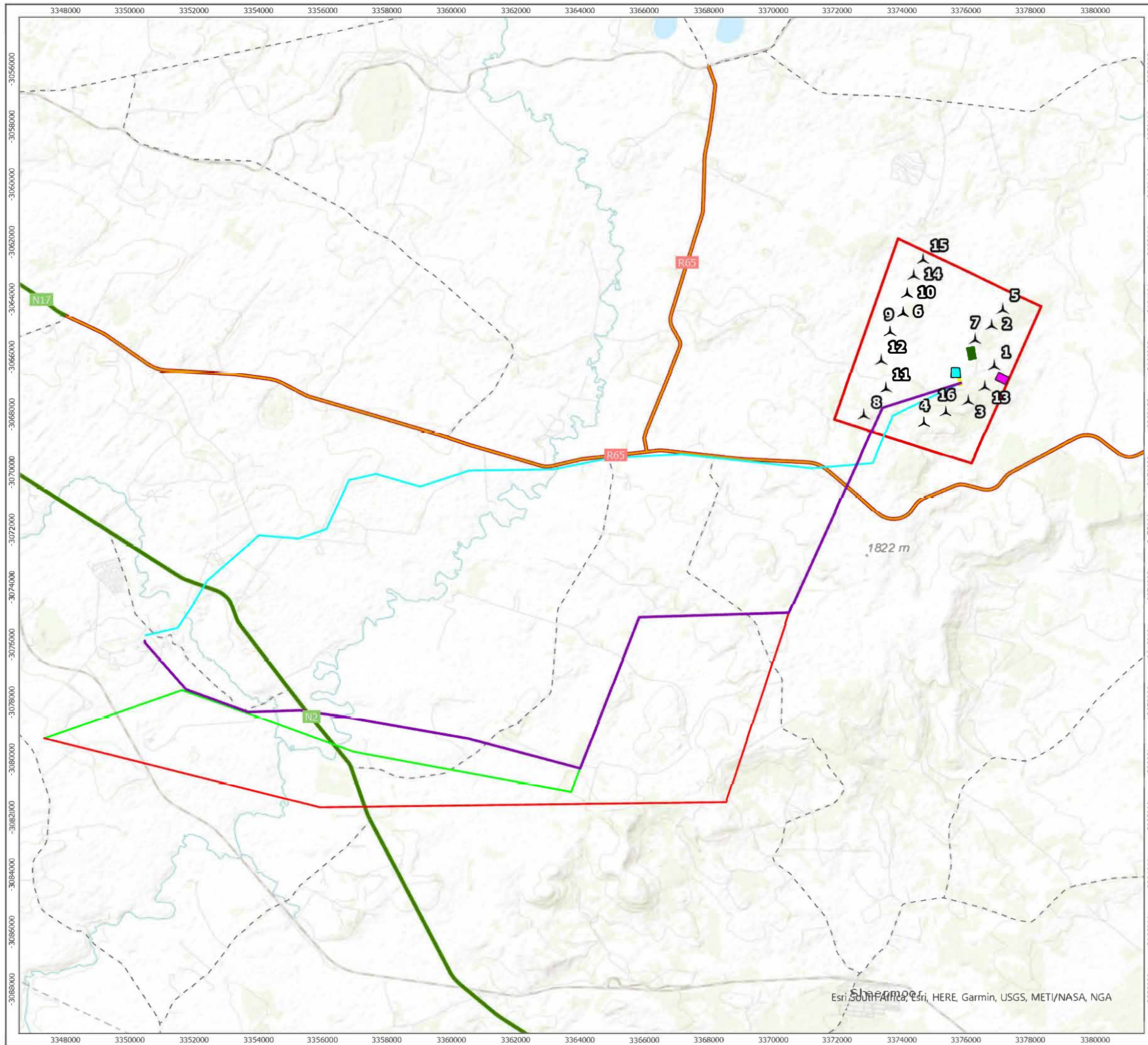


1:270,000 Scale @ A3  
 0 5.25 10.5 km ▲ NORTH

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**Site Locality Map**  
Figure 1.1

**Rochdale WEF**  
**Scoping Report**



ERM

**Rochdale WEF Infrastructure**

▲ Turbine Locations

▭ Rochdale WEF Boundary

**Associated Infrastructure Locations**

▭ Substation

▭ O&M Buildings

▭ Laydown Area Alternative

▭ Laydown Area

**Grid Connection Options**

— Preferred Grid Connection

— Alternative 1 Grid Connection

— Alternative 2 Grid Connection

— Alternative 3 Grid Connection

**Public Roads**

— National Road

— Arterial Road

- - - Secondary Road

1:115,000 Scale @ A3



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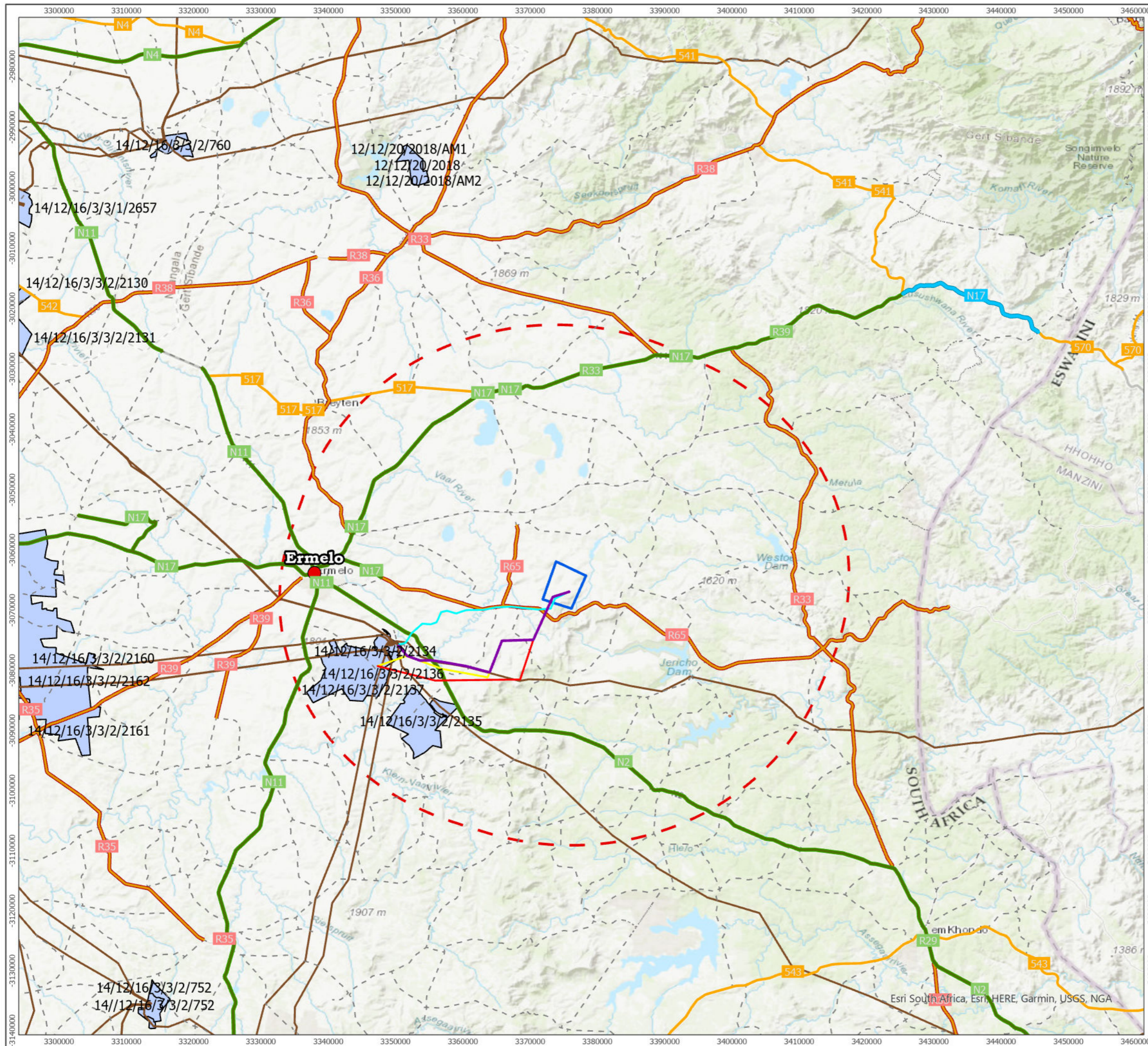
Checked By: LB

Date: 6/9/2024

**Preferred Site Development Plan**  
Figure 1-2

**Rochdale WEF Scoping Report**

Esri, South Africa, Esri, HERE, Garmin, USGS, METI/NASA, NGA



ERM

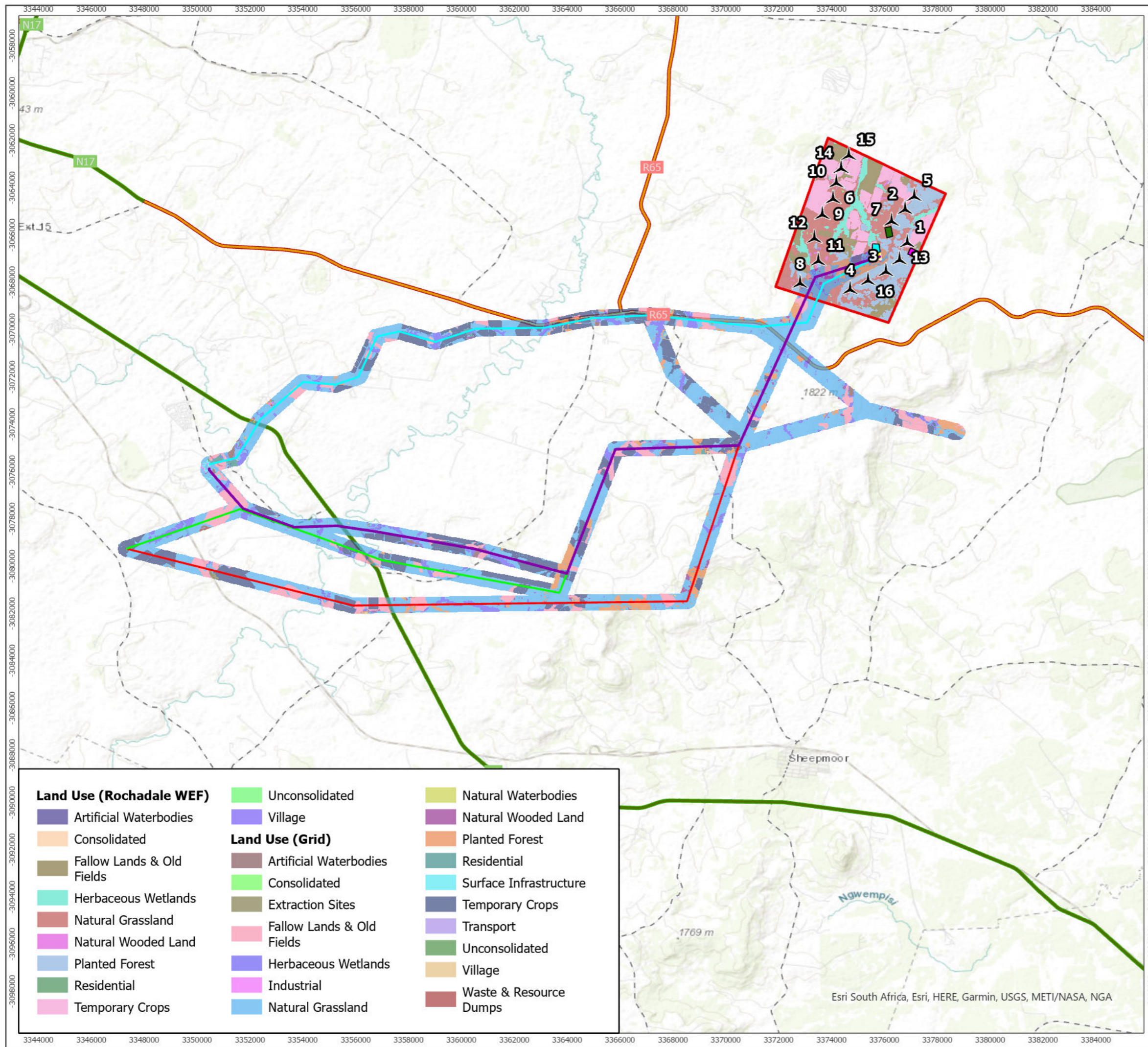
- Ermelo Town
  - Rochdale WEF Boundary
  - 35km Buffer of Amsterdam
  - WEF Boundary (Rochdale)
  - Renewable Energy EIA Applications (2023 Q4)
- Grid Connection Options**
- Preferred Grid Connection
  - Alternative 1 Grid Connection
  - Alternative 2 Grid Connection
  - Alternative 3 Grid Connection
- Existing Eskom Infrastructure**
- Grid Connections
- Public Roads**
- National Freeway
  - National Road
  - Arterial Road
  - Main Road
  - Secondary Road
  - On/Off Ramp or Slipway



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**Renewable Energy Projects within 35km radius**  
Figure 4

**Rochdale WEF Scoping Report**



ERM

**Rochdale WEF Infrastructure**

- ▲ Turbine Locations
- ▭ Rochdale WEF Boundary

**Associated Infrastructure Locations**

- Substation
- O&M Buildings
- Laydown Area Alternative
- Laydown Area

**Grid Connection Options**

- Alternative 2 Grid Connection
- Alternative 1 Grid Connection
- Alternative 3 Grid Connection
- Preferred Grid Connection

**Public Roads**

- National Road
- Arterial Road
- - - Secondary Road

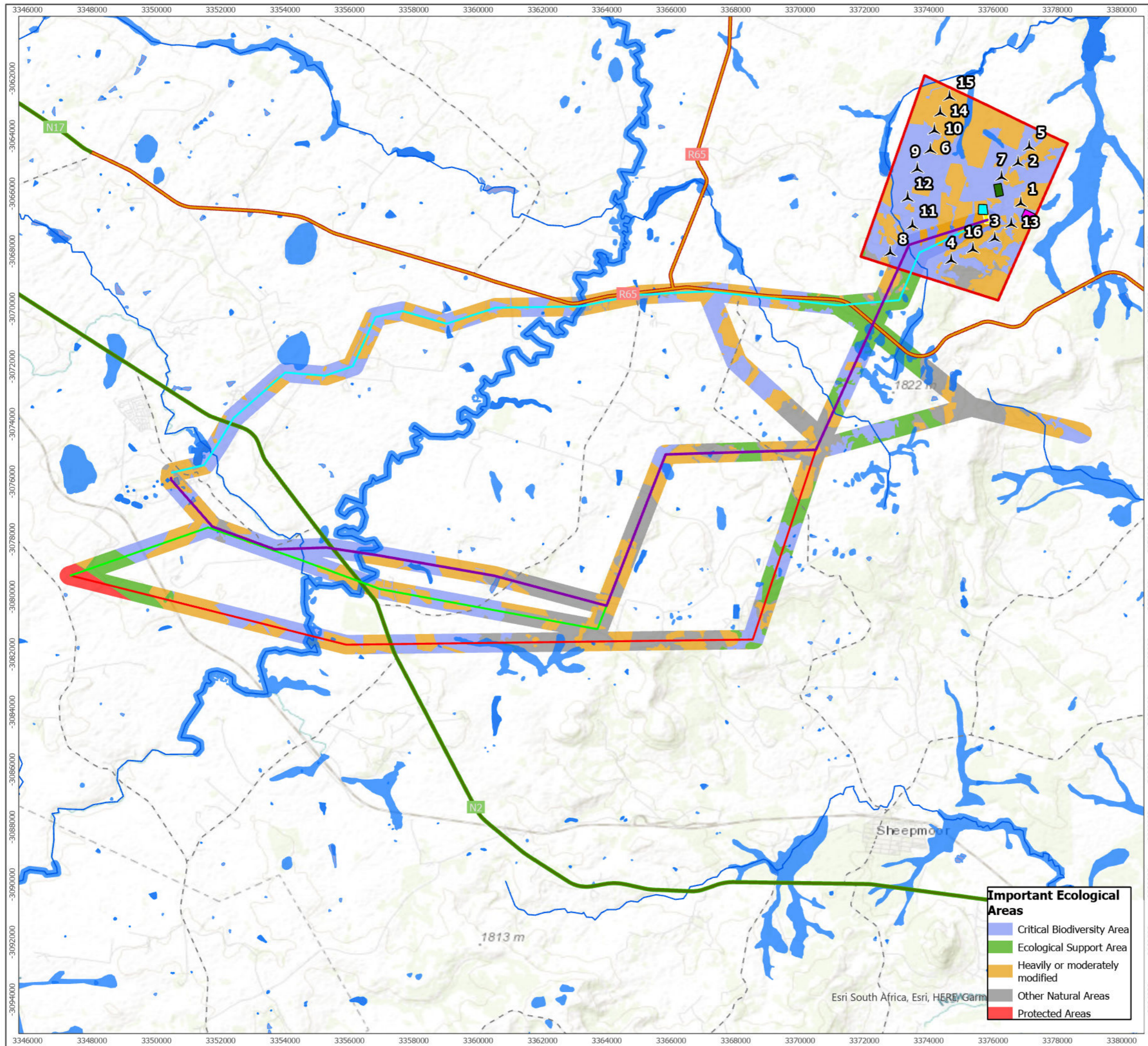
Land Use (Rochdale WEF)		
■ Artificial Waterbodies	■ Unconsolidated	■ Natural Waterbodies
■ Consolidated	■ Village	■ Natural Wooded Land
■ Fallow Lands & Old Fields	<b>Land Use (Grid)</b>	■ Planted Forest
■ Herbaceous Wetlands	■ Artificial Waterbodies	■ Residential
■ Natural Grassland	■ Consolidated	■ Surface Infrastructure
■ Natural Wooded Land	■ Extraction Sites	■ Temporary Crops
■ Planted Forest	■ Fallow Lands & Old Fields	■ Transport
■ Residential	■ Herbaceous Wetlands	■ Unconsolidated
■ Temporary Crops	■ Industrial	■ Village
	■ Natural Grassland	■ Waste & Resource Dumps



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**Land Use**  
Figure 5

**Rochdale WEF**  
Scoping Report



ERM

**Rochdale WEF Infrastructure**

▲ Turbine Locations

▭ Rochdale WEF Boundary

**Associated Infrastructure**

▭ Substation

▭ O&M Buildings

▭ Laydown Area Alternative

▭ Laydown Area

**Grid Connection Options**

— Alternative 2 Grid Connection

— Alternative 1 Grid Connection

— Alternative 3 Grid Connection

— Preferred Grid Connection

**Wetlands**

— NFEPA Rivers

▭ NFEPA Wetlands

▭ NBA Artificial Wetlands

**Public Roads**

— National Road

— Arterial Road

- - - Secondary Road

1:115,000 Scale @ A3



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Date: 6/9/2024

**Important Ecological Area**  
Figure 6

**Rochdale WEF**  
Scoping Report