

New System 1 at VG

Legend



Google Earth

Maps © 2020 Google

200 m



Vereeniging New System One - Rand Water - Emfuleni Local Municipality (Ward 15)



Legend	
International Boundary and Beacon.....	
Provincial Boundary.....	
Protected Area.....	
Perennial River.....	
Perennial Water.....	
Non-perennial River.....	
Non-Perennial Water.....	
Dry Water Course.....	
Dry Pan.....	
Marsh and Vlei.....	
Pipeline (above ground).....	
Water Tower; Reservoir; Water Point.....	
Coastal Rocks.....	
Prominent Rock Outcrop.....	
Erosion; Sand.....	
Woodland.....	
Cultivated Land.....	
Orchard or Vineyard.....	
Recreation Ground.....	
Row of Trees.....	
National Freeway; National Route.....	
Arterial Route.....	
Main Road.....	
Secondary Road; Bench Mark.....	
Other Road; Bridge.....	
Track and Hiking Trail.....	
Railway; Station or Siding.....	
Other Railway; Tunnel.....	
Embankment; Cutting.....	
Power Line.....	
Built-up Area (High, Low Density).....	
Buildings; Ruin.....	
Post Office; Police Station; Store.....	
Place of Worship; School; Hotel.....	
Fence; Wall.....	
Windpump; Monument.....	
Communication Tower.....	
Mine Dump; Excavation.....	
Trigonometrical Station; Marine Beacon.....	
Lighthouse and Marine Light.....	
Cemetery; Grave.....	

Legend	
	Sludge Pipeline Route
	Proposed Site Development Footprint
	Farm Portion Boundary

LOCALITY MAP	
Start - 26°41'15.39"S & 27°55'1.89"E	
Middle - 26°41'21.07"S & 27°54'51.99"E	
End - 26°41'24.85"S & 27°54'42.80"E	

Date: 26 June 2025
General Site Location 26°41'36.14"S & 27°55'19.12"E
0 175 350 700 Meters

SELAHLE
CONSULTANCY & PROJECTS

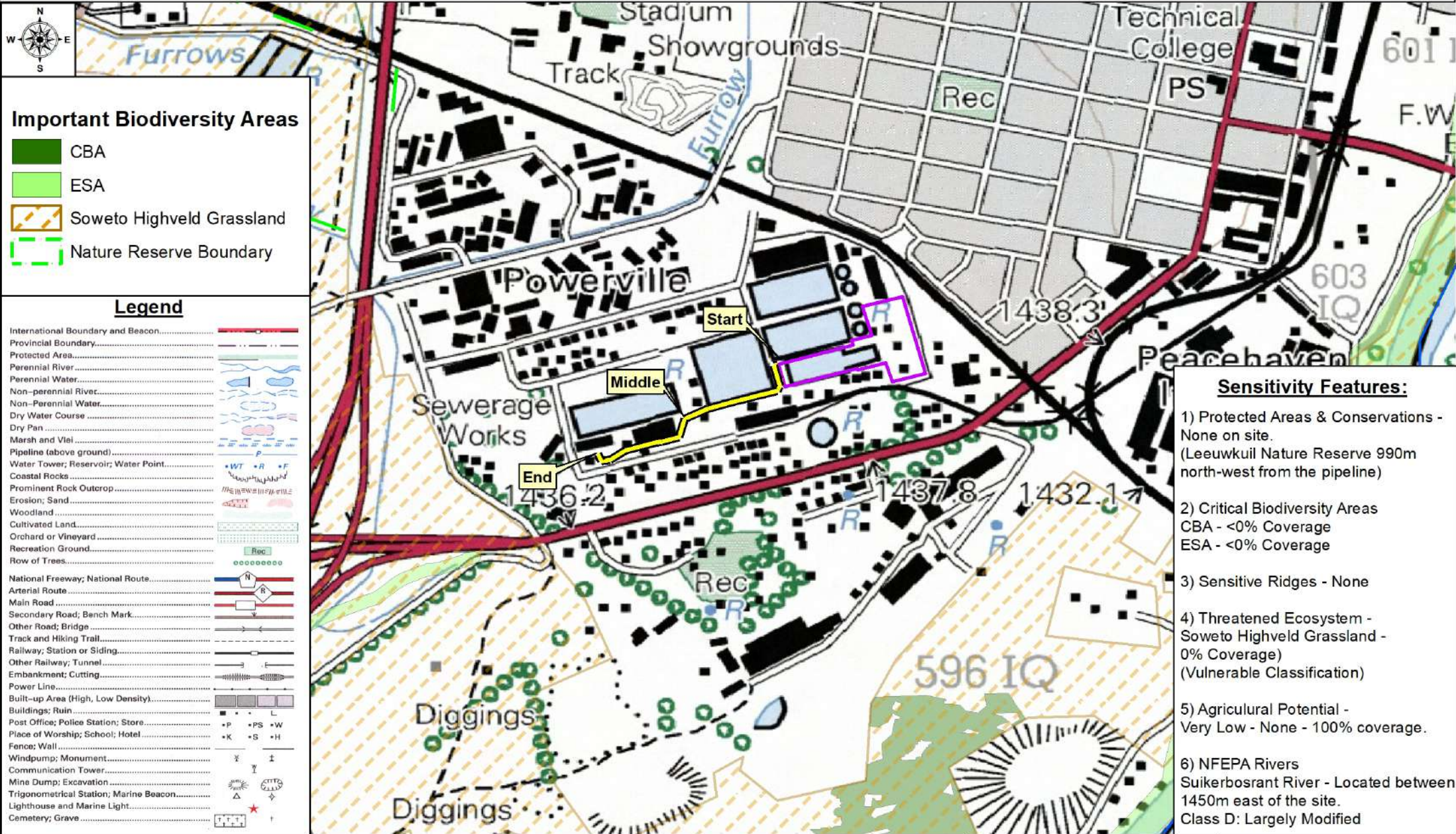
Cell No.: 079 614 8298
Fax: 086 552 0171
Email: shonie@scprojects.co.za
Website: www.scprojects.co.za

ANDRE ZANOLI
t/a
GIS MAPPING & ENVIRO-MINING

Map Prepared by: Andre Zanol
Contact Number: 072 601 2432

Farm: Leeuwkuil 596 IQ Portion 111
SG CODE: T0IQ0000000059600111

ENVIRONMENTAL CONSERVATION MAP - Vereeniging New System One - Rand Water - Emfuleni Local Municipality (Ward 15)



Important Biodiversity Areas

- CBA
- ESA
- Soweto Highveld Grassland
- Nature Reserve Boundary

Legend

International Boundary and Beacon	
Provincial Boundary	
Protected Area	
Perennial River	
Non-perennial River	
Non-Perennial Water	
Dry Water Course	
Dry Pan	
Marsh and Vlei	
Pipeline (above ground)	
Water Tower; Reservoir; Water Point	
Coastal Rocks	
Prominent Rock Outcrop	
Erosion; Sand	
Woodland	
Cultivated Land	
Orchard or Vineyard	
Recreation Ground	
Row of Trees	
National Freeway; National Route	
Arterial Route	
Main Road	
Secondary Road; Bench Mark	
Other Road; Bridge	
Track and Hiking Trail	
Railway; Station or Siding	
Other Railway; Tunnel	
Embankment; Cutting	
Power Line	
Built-up Area (High, Low Density)	
Buildings; Ruin	
Post Office; Police Station; Store	
Place of Worship; School; Hotel	
Fence; Wall	
Windpump; Monument	
Communication Tower	
Mine Dump; Excavation	
Trigonometrical Station; Marine Beacon	
Lighthouse and Marine Light	
Cemetery; Grave	

Sensitivity Features:

- 1) Protected Areas & Conservations - None on site.
(Leeuwkuil Nature Reserve 990m north-west from the pipeline)
- 2) Critical Biodiversity Areas
CBA - <0% Coverage
ESA - <0% Coverage
- 3) Sensitive Ridges - None
- 4) Threatened Ecosystem - Soweto Highveld Grassland - 0% Coverage)
(Vulnerable Classification)
- 5) Agricultural Potential - Very Low - None - 100% coverage.
- 6) NFEPA Rivers
Suikerbosrant River - Located between 1450m east of the site.
Class D: Largely Modified

Legend

- Sludge Pipeline Route
- Proposed Site Development Footprint
- NFEPA Rivers

Start - 26°41'15.39"S & 27°55'1.89"E
 Middle - 26°41'21.07"S & 27°54'51.99"E
 End - 26°41'24.85"S & 27°54'42.80"E

Date: 26 June 2025
 General Site Location
 26°41'36.14"S & 27°55'19.12"E

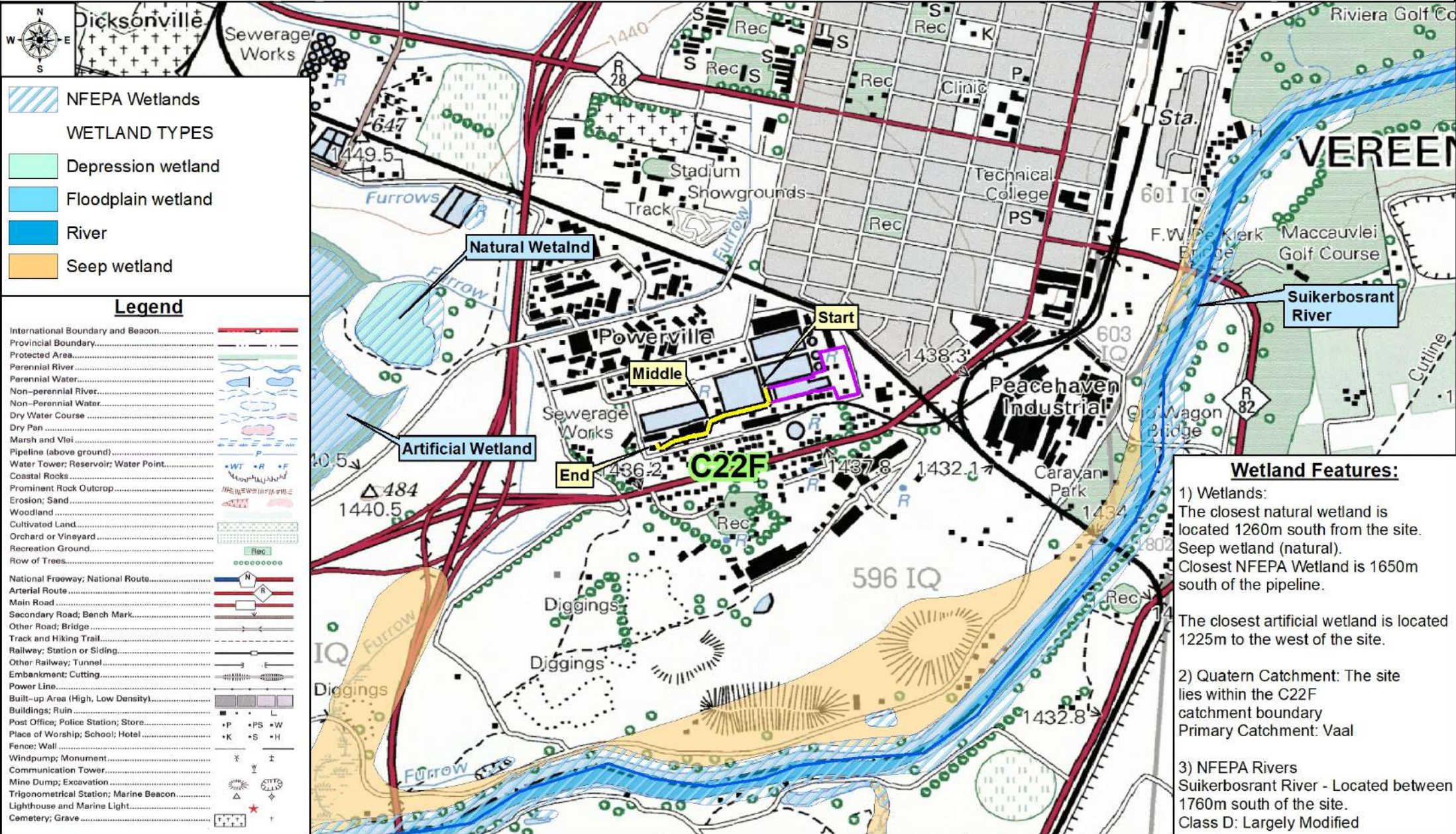
SELAHLE
 CONSULTANCY & PROJECTS

Cell No.: 079 614 8298
 Fax: 086 552 0171
 Email: shonie@scprojects.co.za
 Website: www.scprojects.co.za

ANDRE ZANOLI
 Ua
**GIS MAPPING &
 ENVIRO-MINING**

Map Prepared by: Andre Zanol
 Contact Number: 072 601 2432

Vereeniging New System One - Rand Water - Emfuleni Local Municipality (Ward 15)



NFEPA Wetlands

WETLAND TYPES

- Depression wetland
- Floodplain wetland
- River
- Seep wetland

Legend

International Boundary and Beacon.....

Provincial Boundary.....

Protected Area.....

Perennial River.....

Perennial Water.....

Non-perennial River.....

Non-Perennial Water.....

Dry Water Course.....

Dry Pan.....

Marsh and Vlei.....

Pipeline (above ground).....

Water Tower; Reservoir; Water Point.....

Coastal Rocks.....

Prominent Rock Outcrop.....

Erosion; Sand.....

Woodland.....

Cultivated Land.....

Orchard or Vineyard.....

Recreation Ground.....

Row of Trees.....

National Freeway; National Route.....

Arterial Route.....

Main Road.....

Secondary Road; Bench Mark.....

Other Road; Bridge.....

Track and Hiking Trail.....

Railway; Station or Siding.....

Other Railway; Tunnel.....

Embankment; Cutting.....

Power Line.....

Built-up Area (High, Low Density).....

Buildings; Ruin.....

Post Office; Police Station; Store.....

Place of Worship; School; Hotel.....

Fence; Wall.....

Windpump; Monument.....

Communication Tower.....

Mine Dump; Excavation.....

Trigonometrical Station; Marine Beacon.....

Lighthouse and Marine Light.....

Cemetery; Grave.....

Wetland Features:

- 1) Wetlands:
The closest natural wetland is located 1260m south from the site.
Seep wetland (natural).
Closest NFEPA Wetland is 1650m south of the pipeline.
- 2) Quatern Catchment: The site lies within the C22F catchment boundary
Primary Catchment: Vaal
- 3) NFEPA Rivers
Suikerbosrant River - Located between 1760m south of the site.
Class D: Largely Modified

Legend

- Sludge Pipeline Route
- Proposed Site Development Footprint
- NFEPA Rivers
- Quatern Catchment Boundaries

WETLAND MAP

Start - 26°41'15.39"S & 27°55'1.89"E

Middle - 26°41'21.07"S & 27°54'51.99"E

End - 26°41'24.85"S & 27°54'42.80"E

Date: 26 June 2025

General Site Location
26°41'36.14"S & 27°55'19.12"E

0 300 600 1,200 Meters

SELAHLE
CONSULTANCY & PROJECTS

Cell No.: 079 614 8298
Fax: 086 552 0171
Email: shonie@scprojects.co.za
Website: www.scprojects.co.za

ANDRE ZANOLI
t/a
GIS MAPPING & ENVIRO-MINING

Map Prepared by: Andre Zanol
Contact Number: 072 601 2432