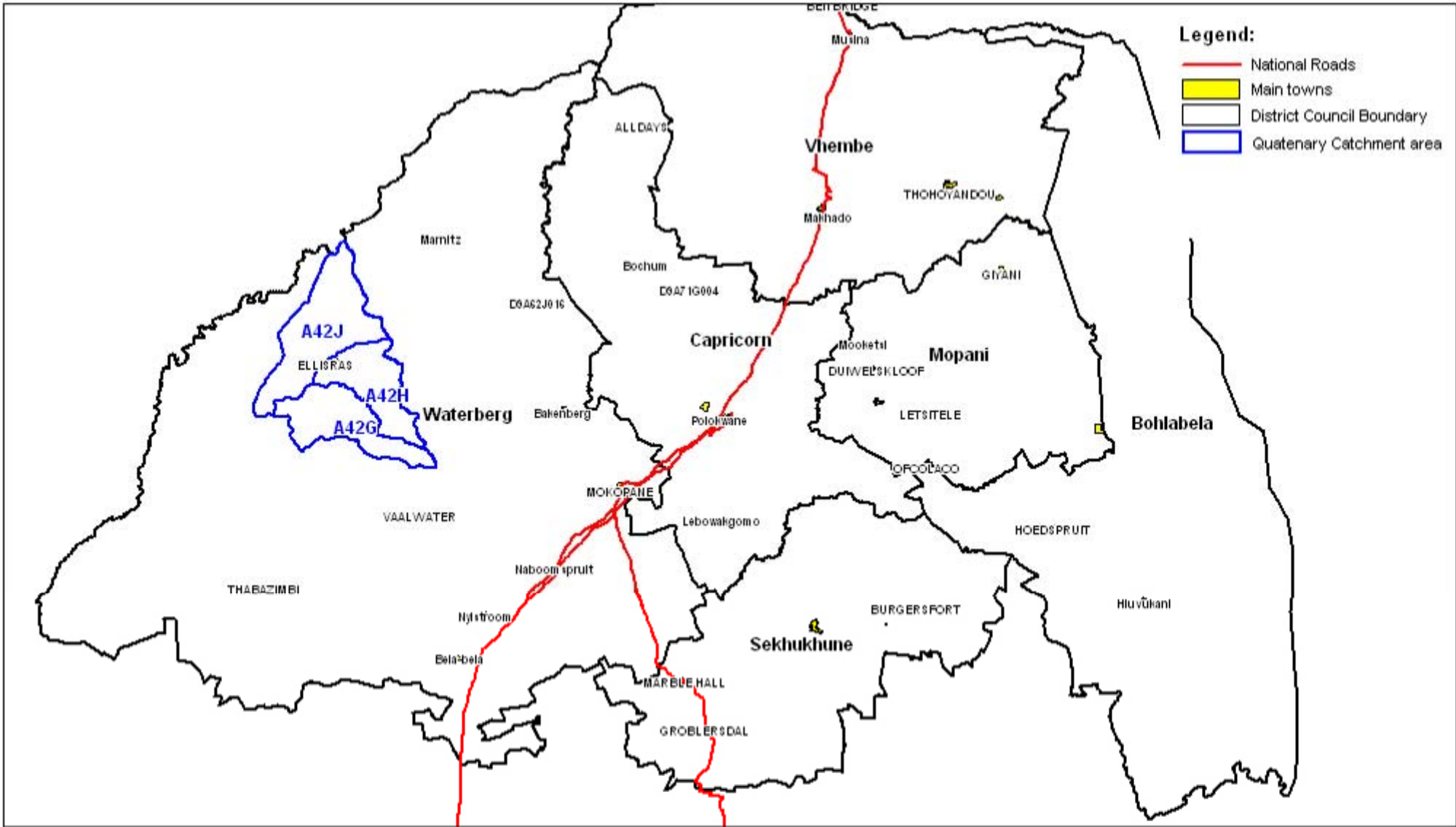
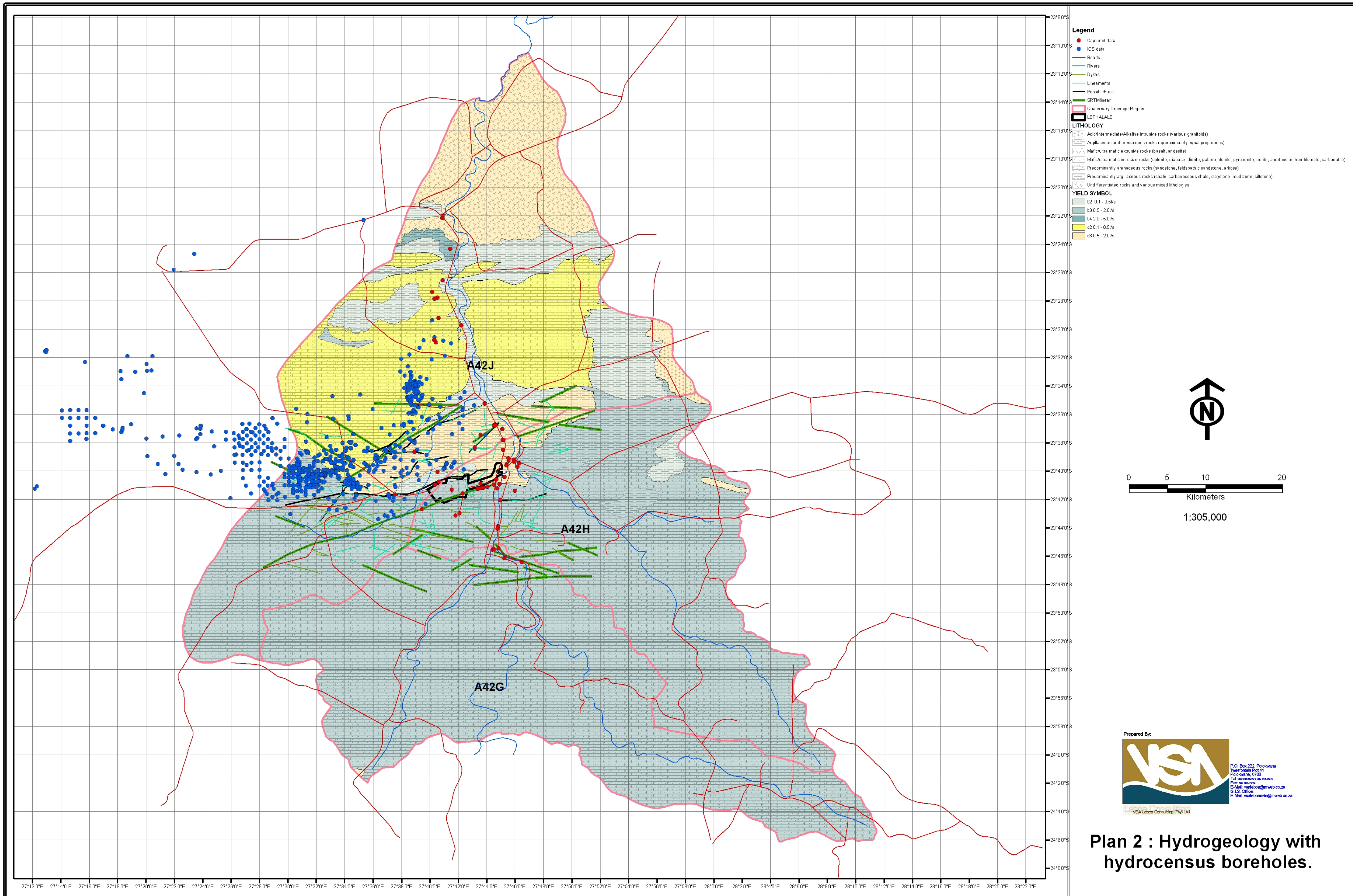


Plan 1 : Locality Map



Scale 1 : 2,500,500
Scanned Maps





-

Scale & Projection

Projection : Geostical Decimal Degree (Longitude/Latitude)
WG84 Projection

0 2 4

kilometres
1 : 50 000

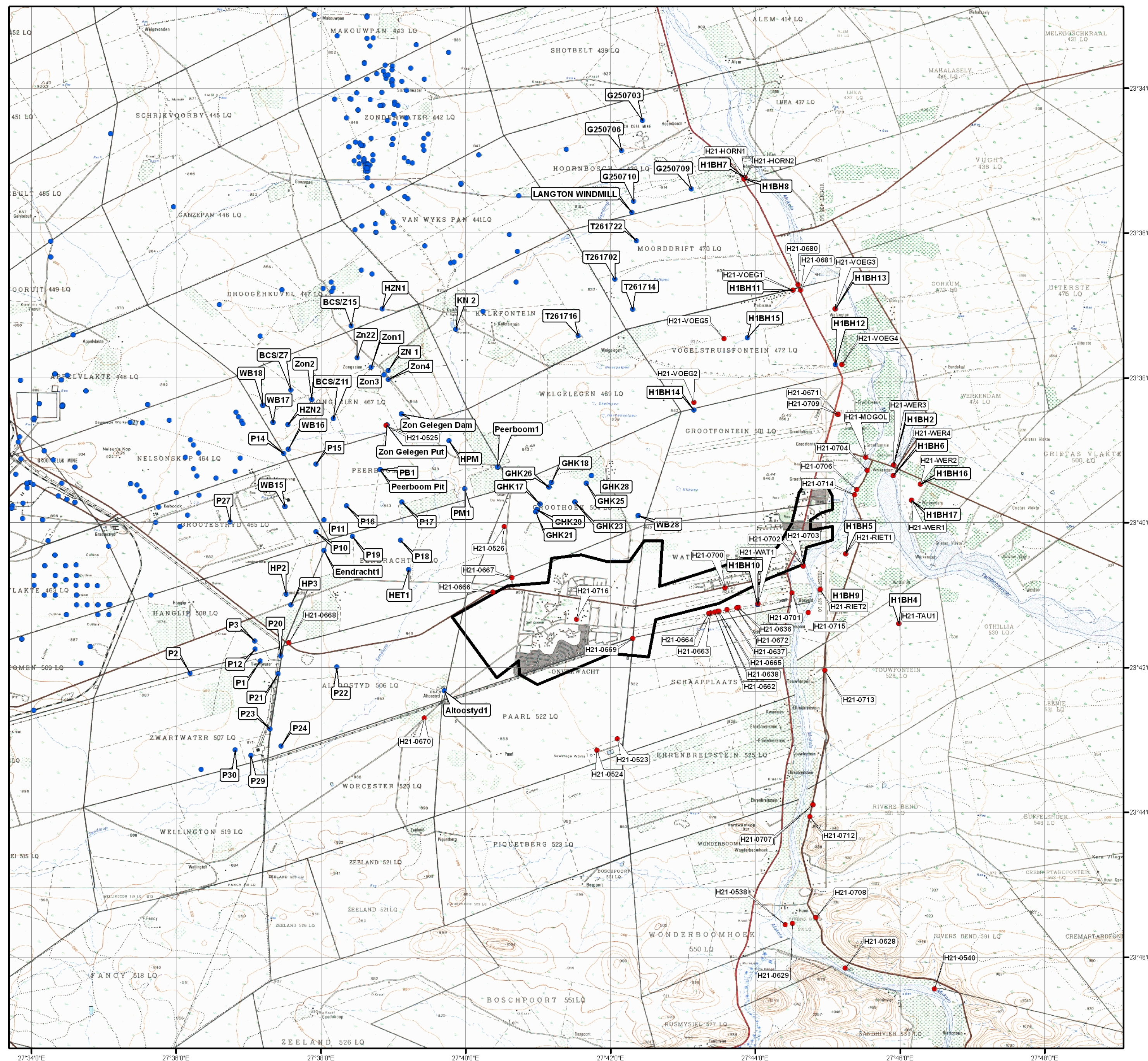
Prepared By:



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Plan 3 : Geological structures with geophysical traverse and borehole positions.



Legend

- Captured data
- IGS data
- LEPHALALE



0 1.25 2.5 5
Kilometers
1:75,000

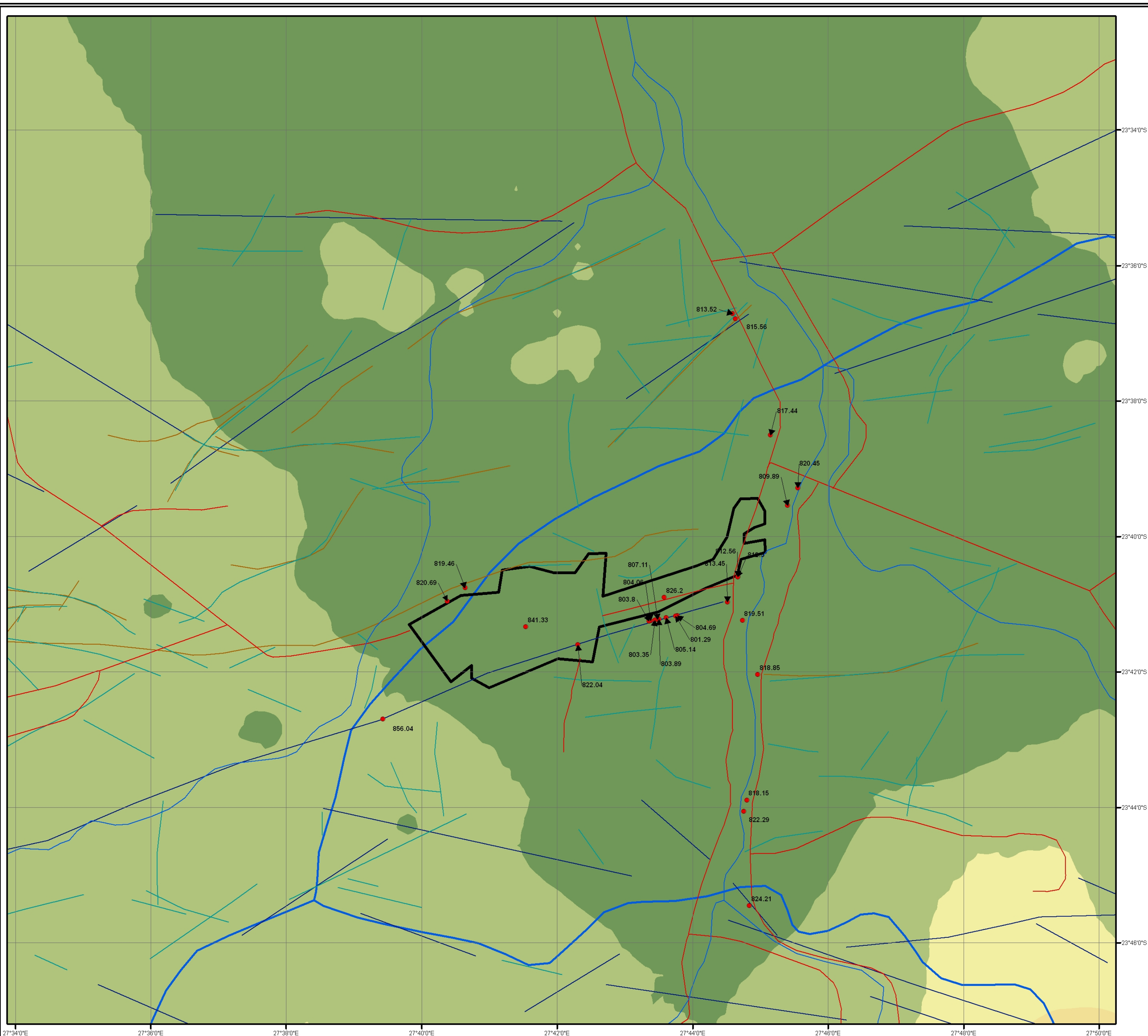
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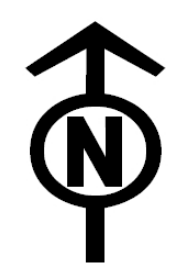
VSA Leboe Consulting (Pty) Ltd

Plan 4 Topo with IGS Data and
Exploration Boreholes.



Legend

- Exploration borehole
- Rivers
- Roads
- Lineaments
- Possible Fault
- SRTM linear
- ▭ LEPHALALE
- ▭ Quaternary Catchments
- 765 - 850
- 850 - 950
- 950 - 1050
- 1050 - 1,150
- 1,150 - 1,250
- 1,250 - 1,300
- 1,300 - 1,400
- 1,400 - 1,450
- 1,450 - 1,500



0 0.5 1 2
Kilometers
1:75,000

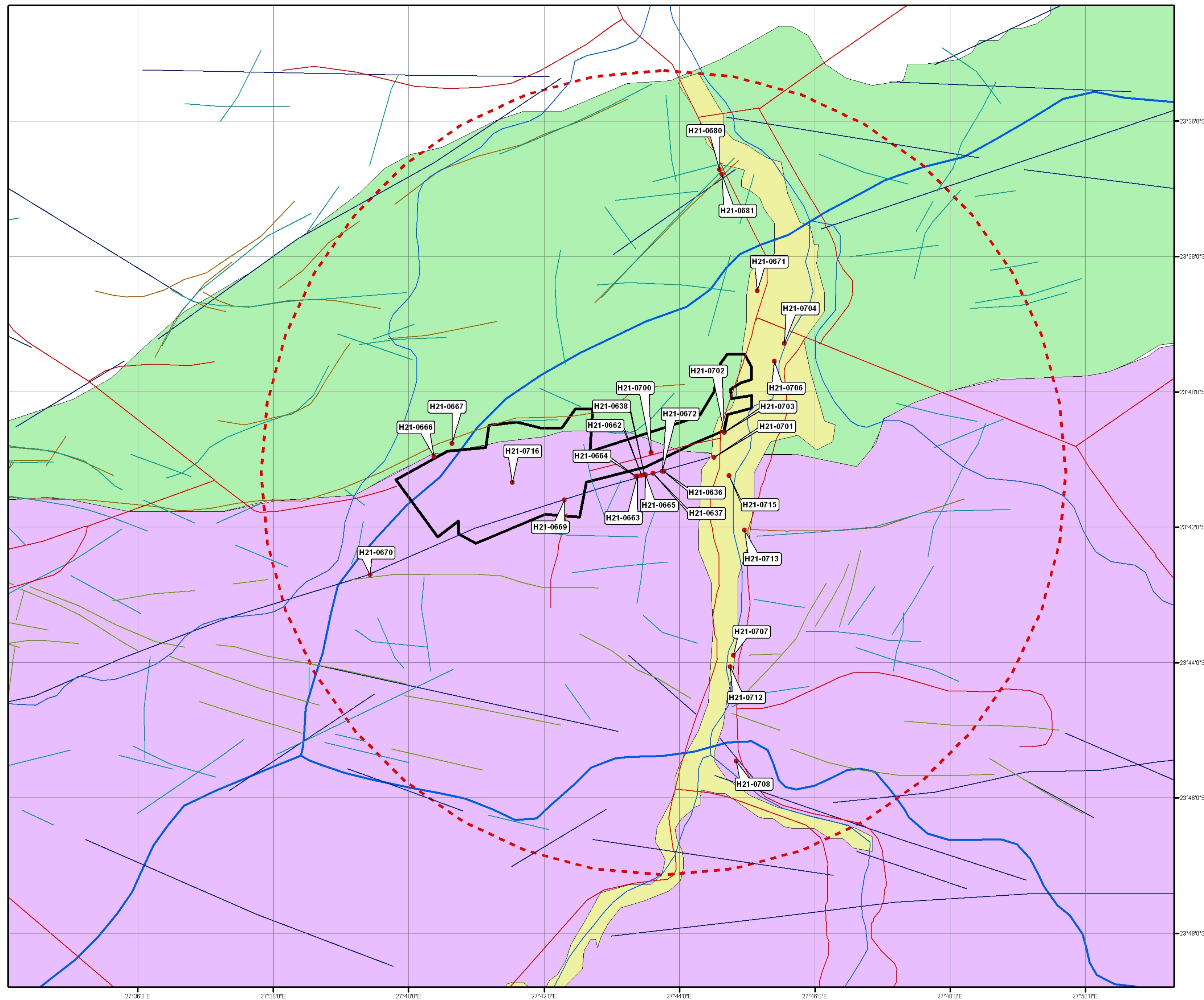
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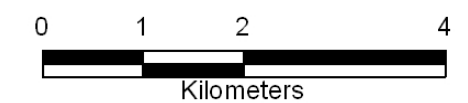
VSA Labour Consulting (Pty) Ltd

**Plan 5 : Groundwater level elevations
in Lephalale area. (mamsl)**



Legend

- Exploration borehole
- Rivers
- Roads
- Lineaments
- PossibleFault
- SRTMlinear
- 10km Radius
- Quaternary Catchments
- LEPHALALE
- Alluvial aquifer
- Semi-confined aquifer
- Confined aquifer



1:75,000

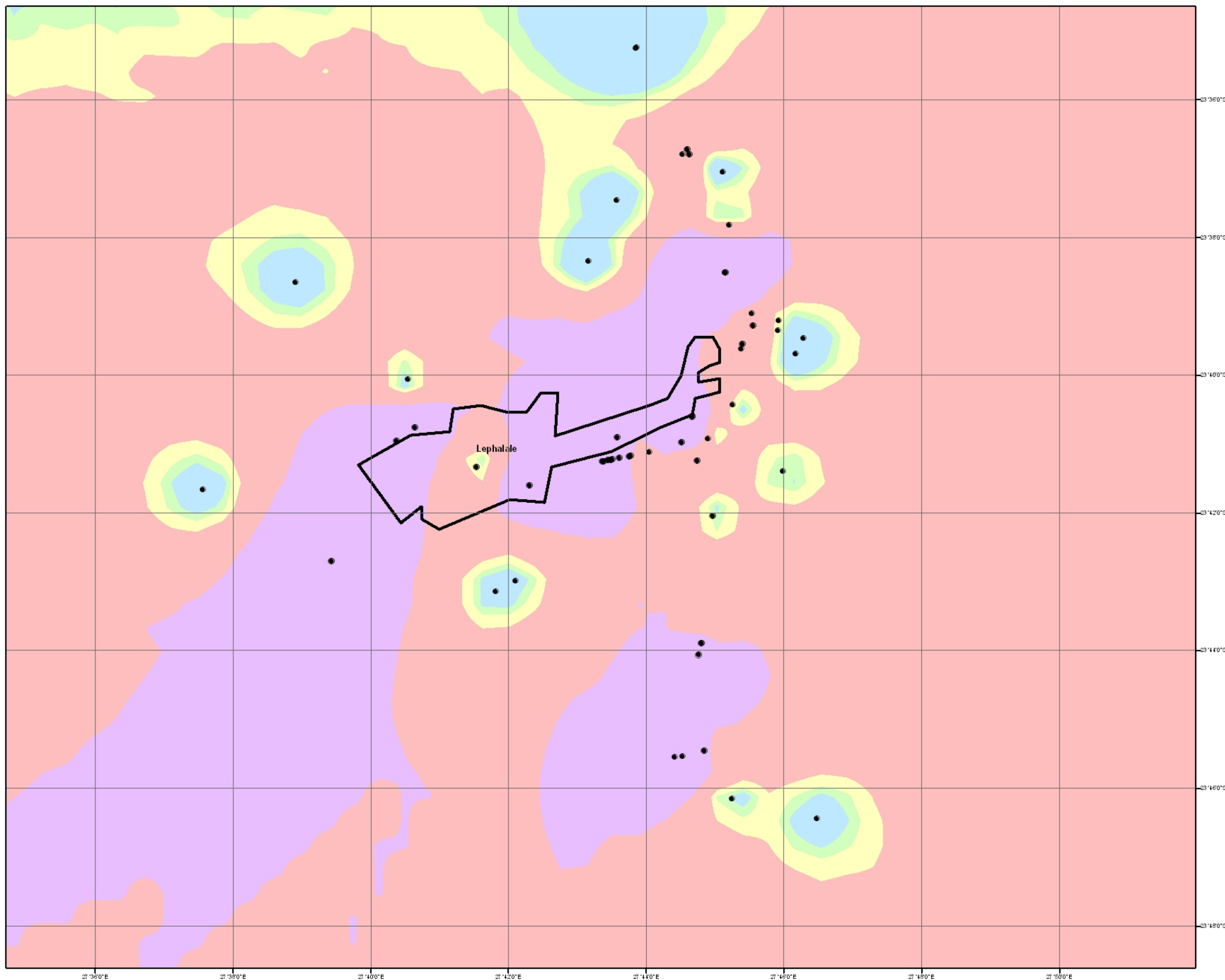
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Plan 6 : Aquifer Units based
on Geology.



Legend

• Borehole

LEPHALALE

FLUORIDE (F)

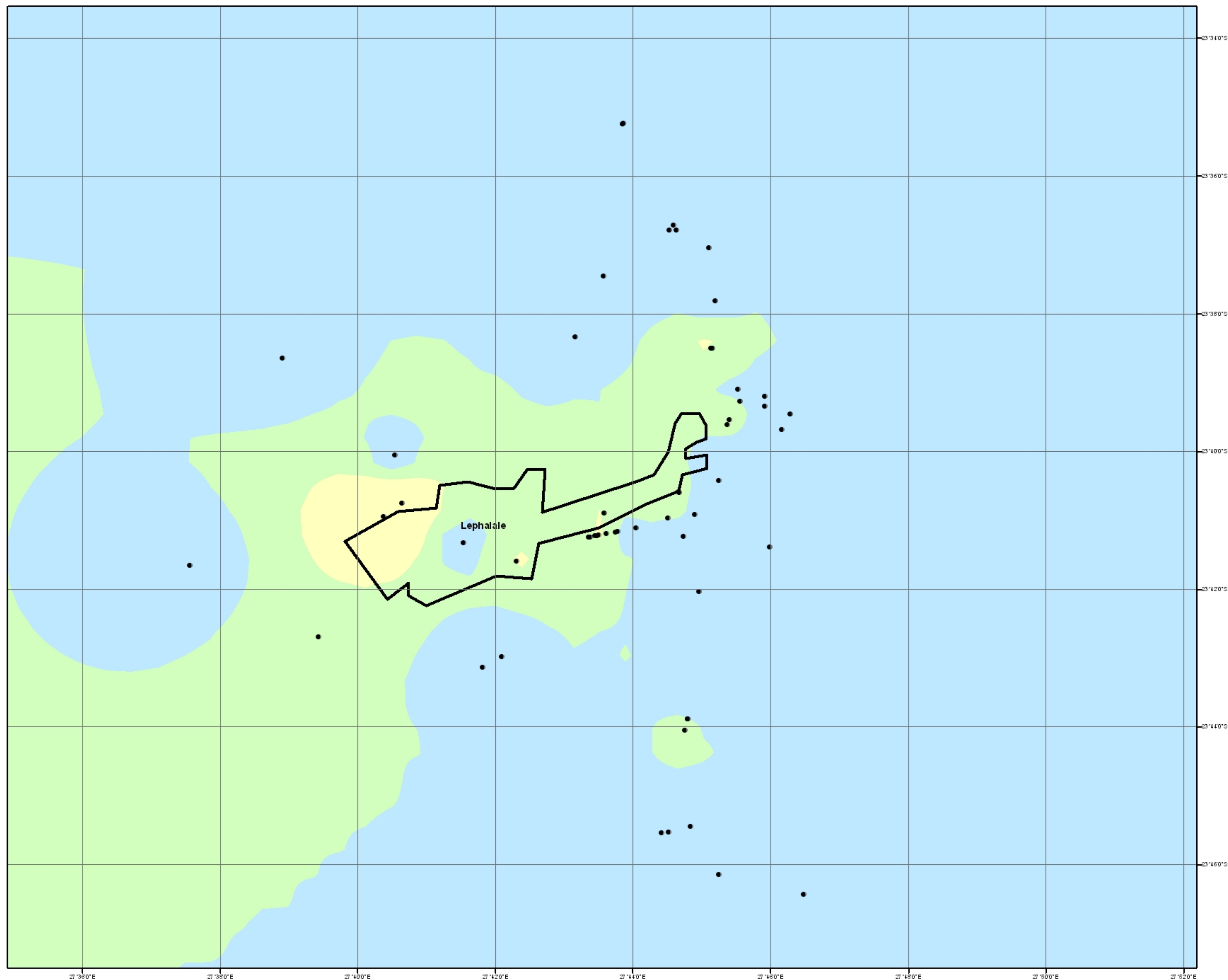
- 0 - 0.7 (IDEAL)
- 0.7 - 1.0 (GOOD)
- 1.0 - 1.5 (MARGINAL)
- 1.5 - 3.5 (POOR)
- 3.5 - 15 (UNACCEPTABLE)



0 1 2 4
Kilometers
1:75,000



Plan 8: Fluoride

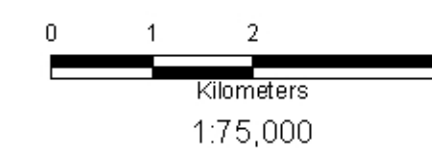


Legend

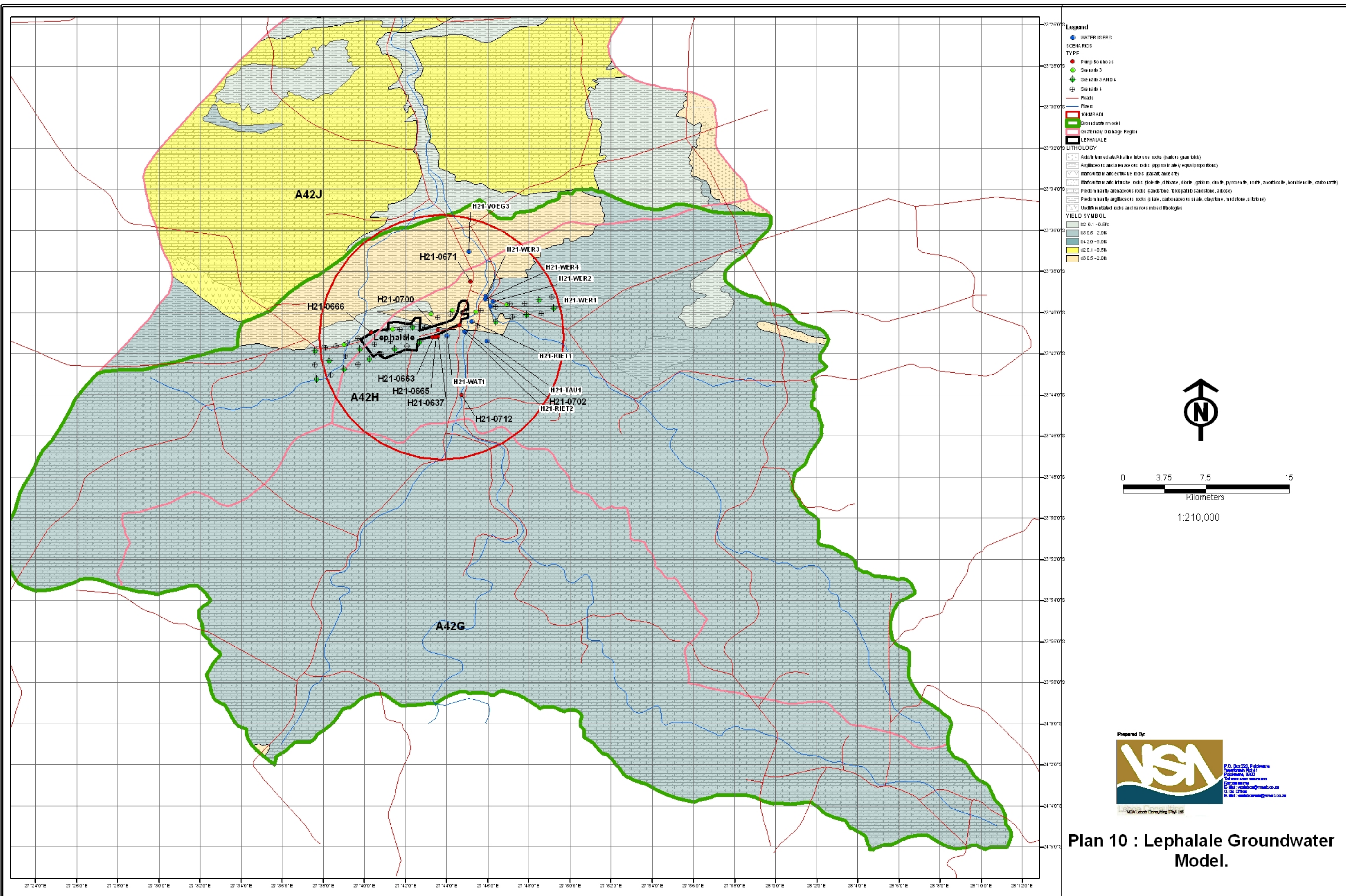


LEPHALALE

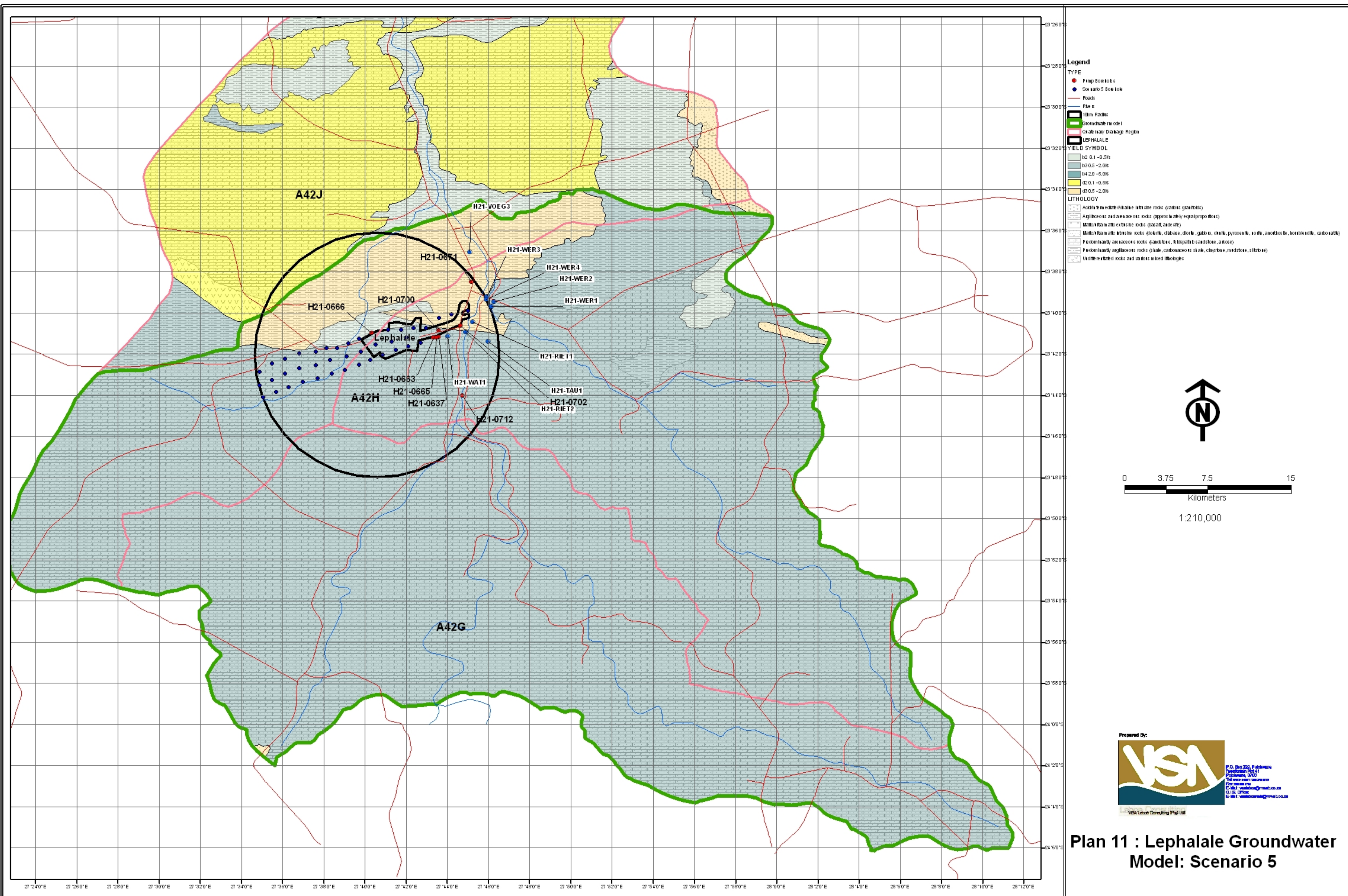
ELECTRICAL CONDUCTIVITY



Plan 9: Electrical conductivity



Plan 10 : Lephalale Groundwater Model.



**Plan 11 : Lephalale Groundwater
Model: Scenario 5**