



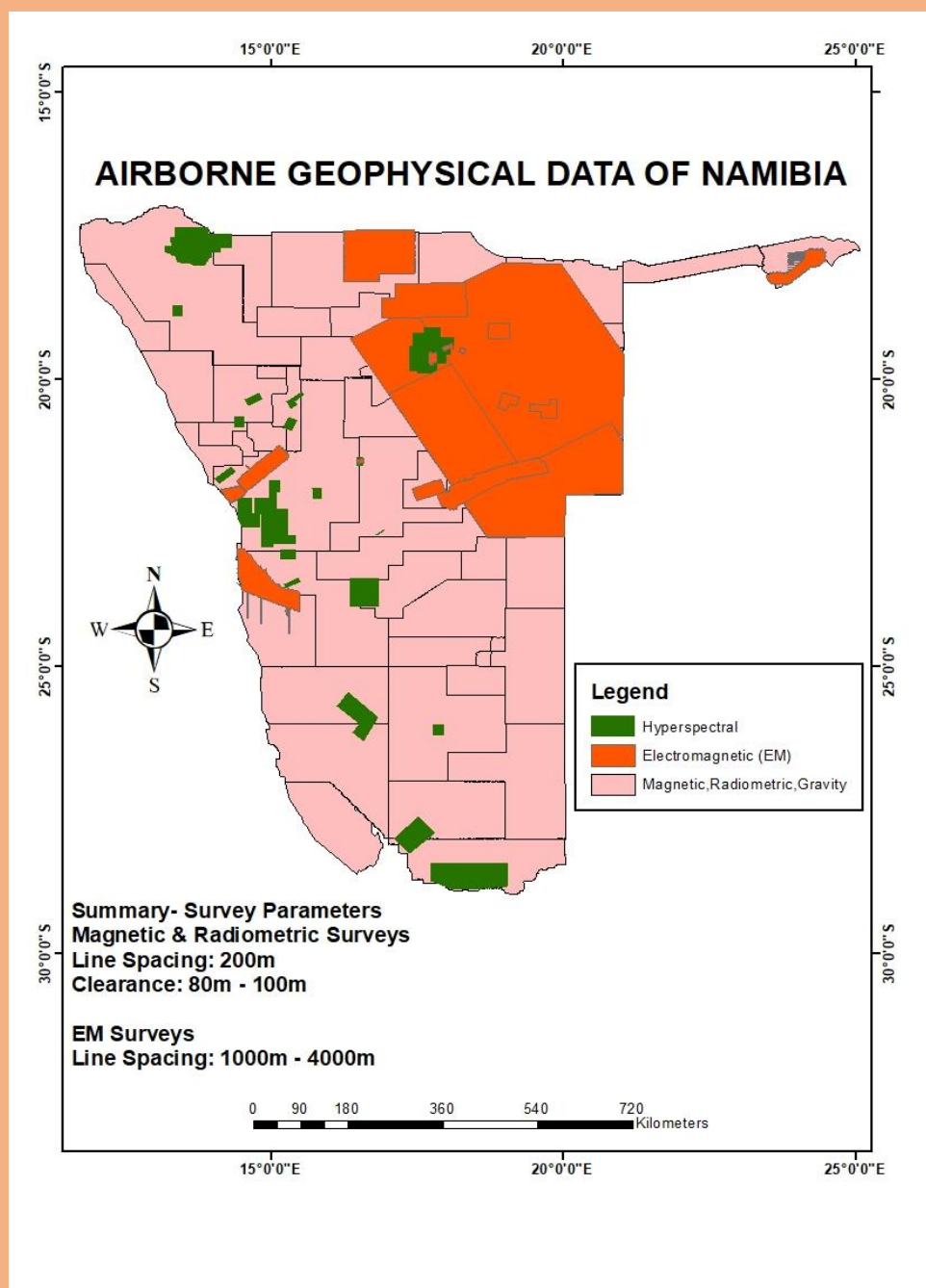
# GEOLOGICAL SURVEY OF NAMIBIA

## GEOFYSICS DIVISION

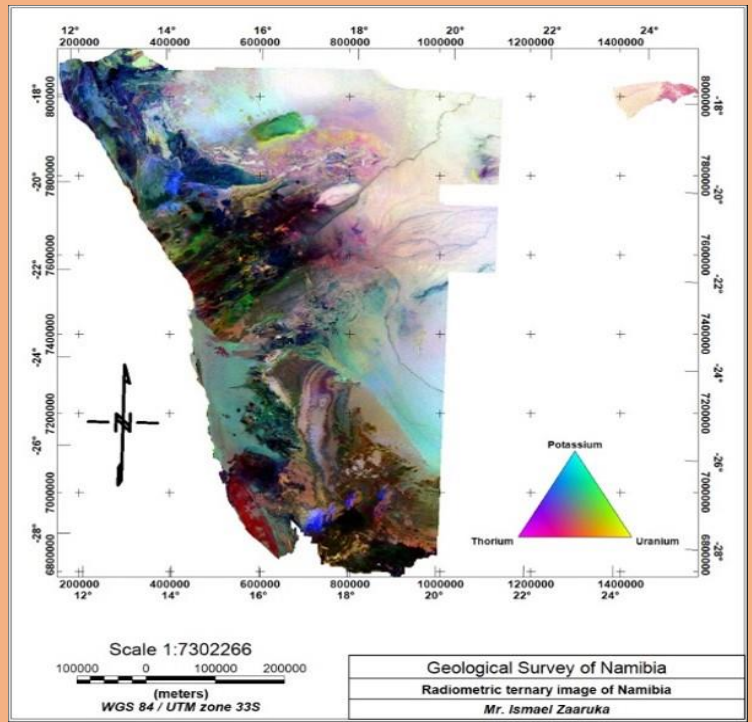
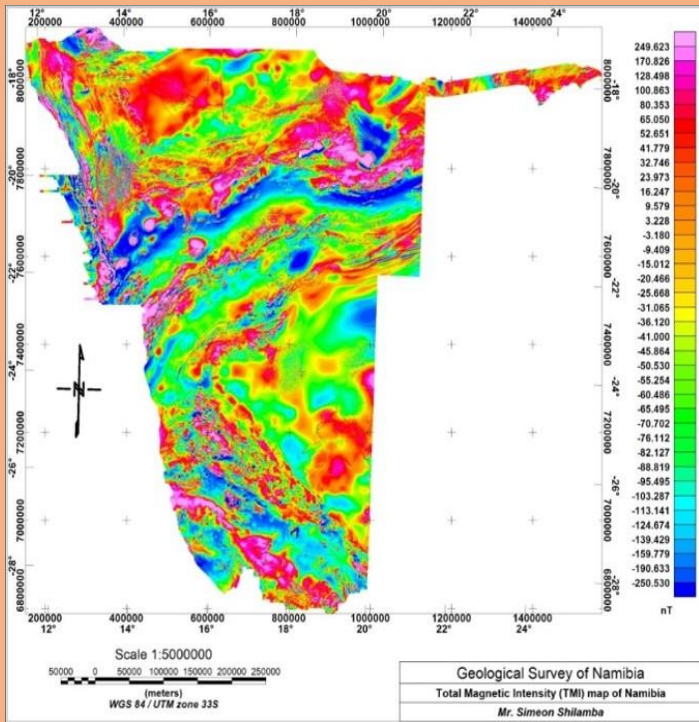


Ministry of Mines & Energy

The Geological Survey of Namibia is the custodian of geophysical datasets under the Geophysics Division. The various geophysical datasets include airborne magnetic, radiometric, electromagnetic, hyperspectral, regional gravity and earthquake seismology. Our geophysical datasets and products are made readily available subject to payment of a nominal fee.



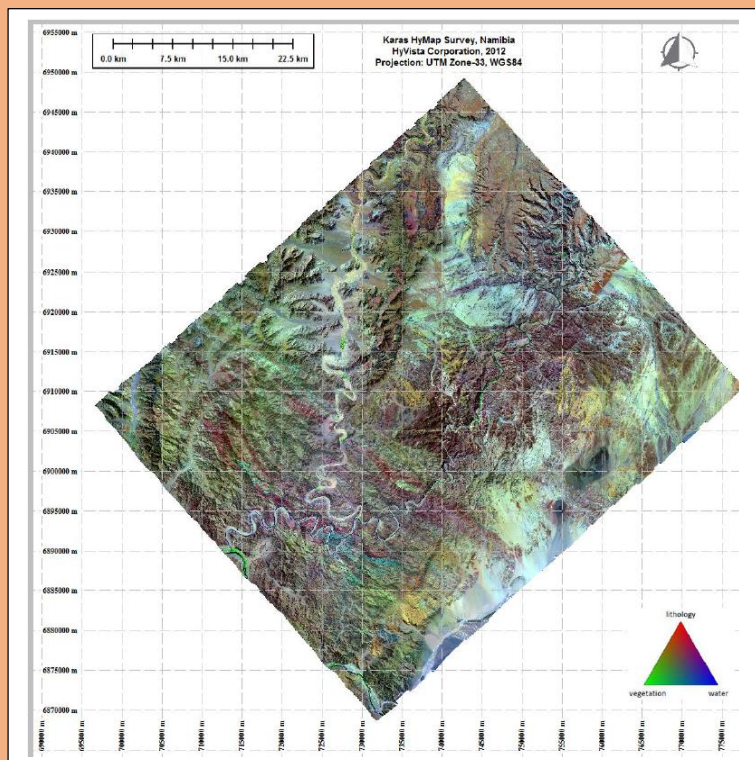
# Airborne Magnetic and Radiometric Data



## Data specification:

The high-resolution aeromagnetic and radiometric data with 4.4 million line kilometers cover the whole country. Line spacing was 200 m and altitude of 80 m.

# Hyperspectral Data



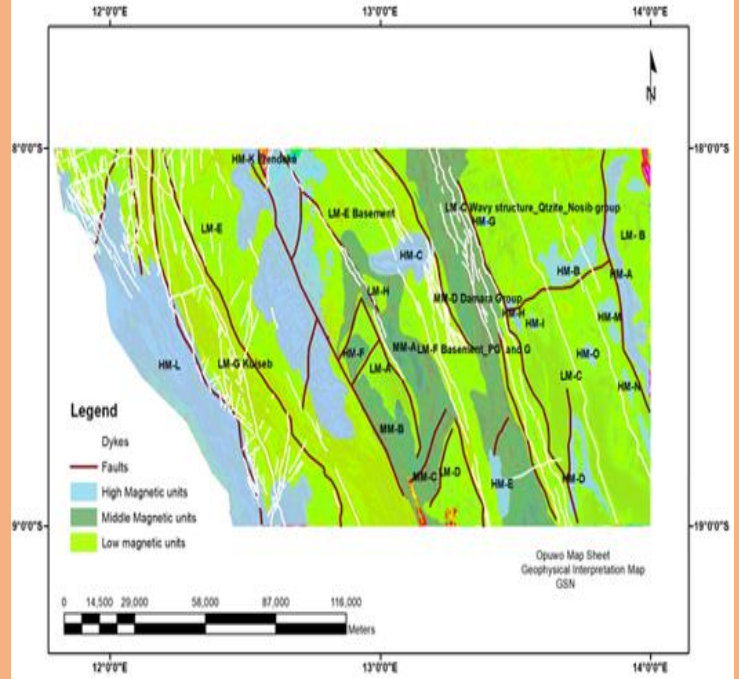
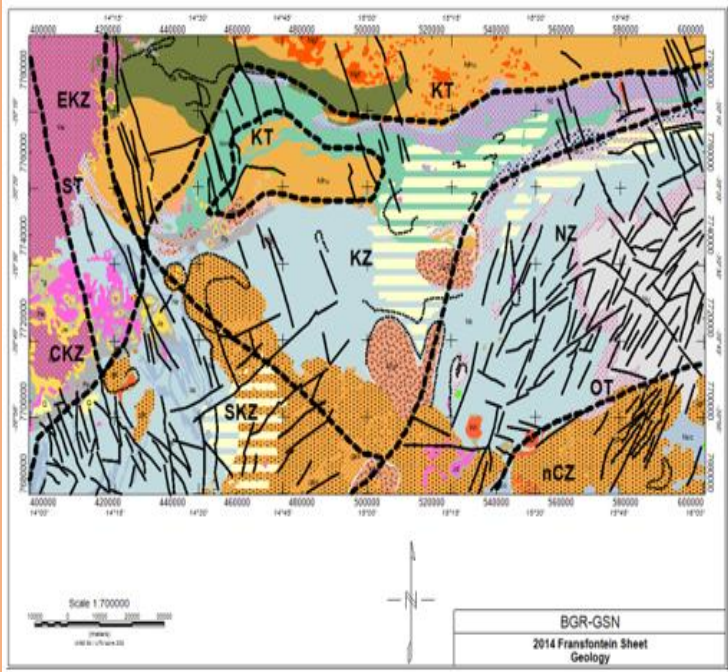
Hyperspectral surveys were conducted between 2004 and 2011 over Otavi, Sikereti, Mowe Bay, Lofdal, Erindi, Navachab, Warmbad and Rehoboth areas. The available hyperspectral datasets are processed up to level 3. More surveys are planned in future in areas earmarked to improve geological mapping and mineral exploration potential.



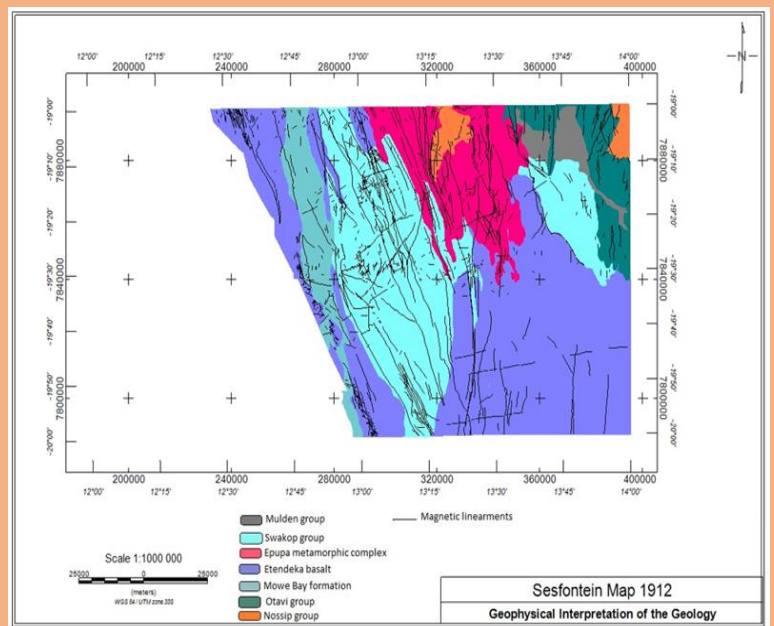
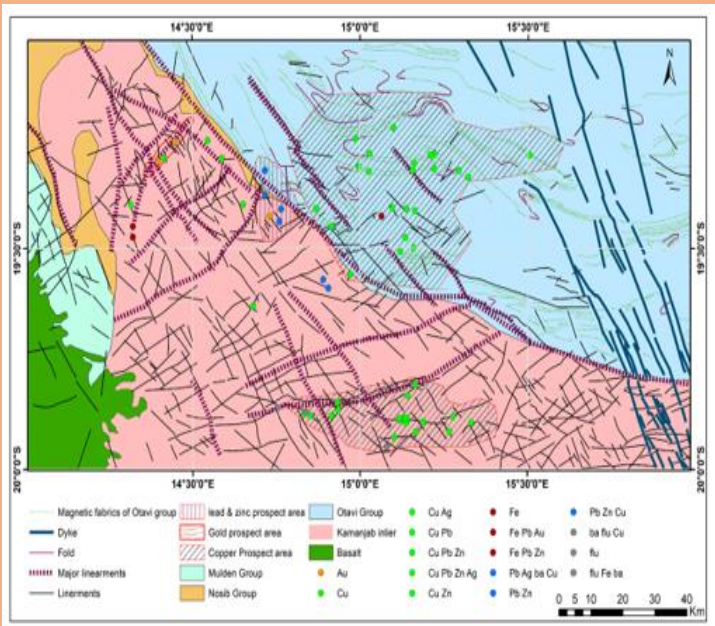


# Interpretation Geophysics

A Kunene Mineral Prospectivity in the North West of Namibia was initiated in 2020, order to add value to the geophysical data and stimulate mineral investment in that region. Five (5) map sheets are presently being studied through integrated geophysical interpretation. These map sheets include Swaartbooisdrift, Opuwo, Kamanjab, Fransfontein and Sesfontein.



Geophysical interpretation of Kunene Region, Fransfontein (left) and Opuwo (right) Map Sheets

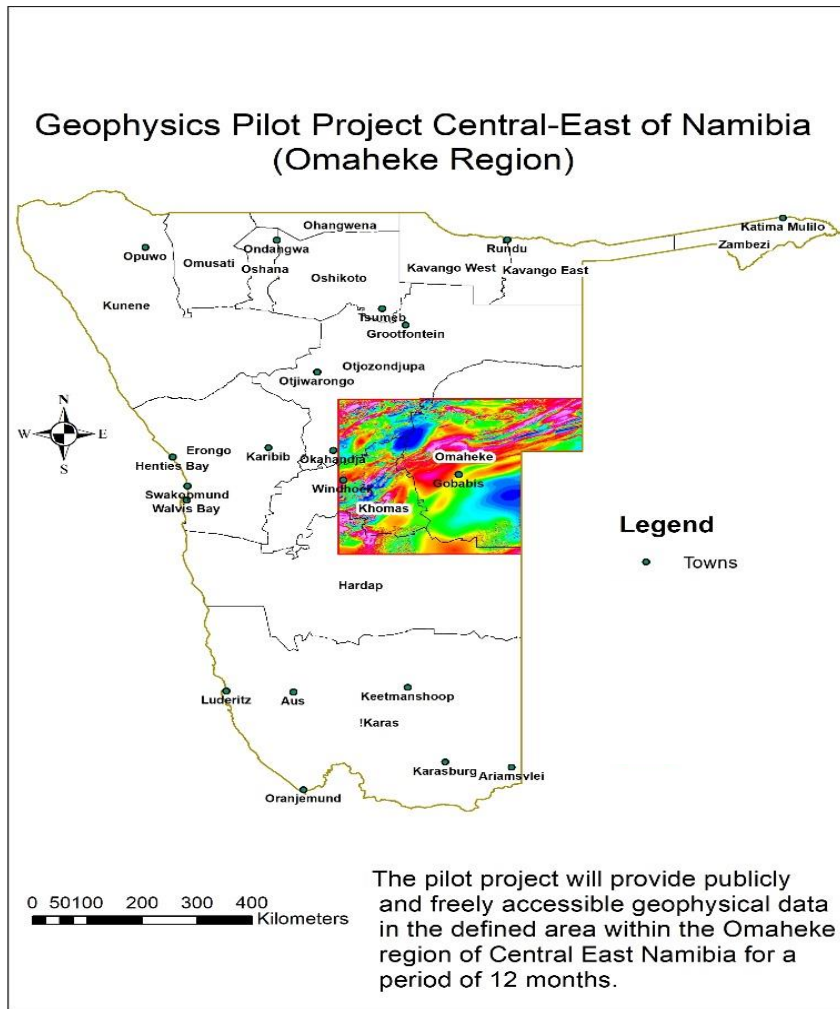


Geophysical interpretation of Kunene Region, Kamanjab (left) and Sesfontein (right) Map Sheets



# Geophysics Pilot Project

The Geophysics Pilot Project is web-based data retrieval portal for potential mining investors to access airborne magnetic and radiometric data for free. The data will be available for 12 months. This is, it is hoped will promote mineral exploration in this underexplored area where there is thick Kalahari cover.



## Contact Details:

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