



**EXPLANATION**

**Cerium - Ce (mg/kg)**

- 0.10 - 165.87
- 165.88 - 355.10
- 355.11 - 677.88
- 677.89 - 1344.69
- 1344.70 - 3554.03

**Geology**

- Younger Granite
- Mesozoic and Younger strata and sediment
- Metabasic/ Metaultrabasics
- Older Granite
- Metasedimentary and Metavolcanic rocks
- Zungeru Mylonite
- Migmatitic Gneisses
- - - Geological Boundary Approx.
- Fault
- + Settlement
- Road
- Railway
- Rivers
- Lakes

**MAP HISTORY**

Detailed mapping was undertaken in 2009 by the Economic Geology Department of NIGSA (Dr. E. Archibong, Director).

Data processing, including digitisation and cartographic reproduction, were undertaken by the Agency.



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 Director General  
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 Director General, Professor S. Malomo

Sheet History  
 Topographic data from the Digital Chart of the World covering 1:500,000  
 half-degree sheets: 142, 143, 144, 145, 154, 155, 156, 157, 158  
 Other data derived from Landsat ETM and the Shuttle Radar  
 Topography Mission (SRTM)  
 Geological base map data derived from maps of the NIGSA

Magnetic and Projection Information

Magnetic declination at the date of compilation  
 Magnetic declination at the date of printing  
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