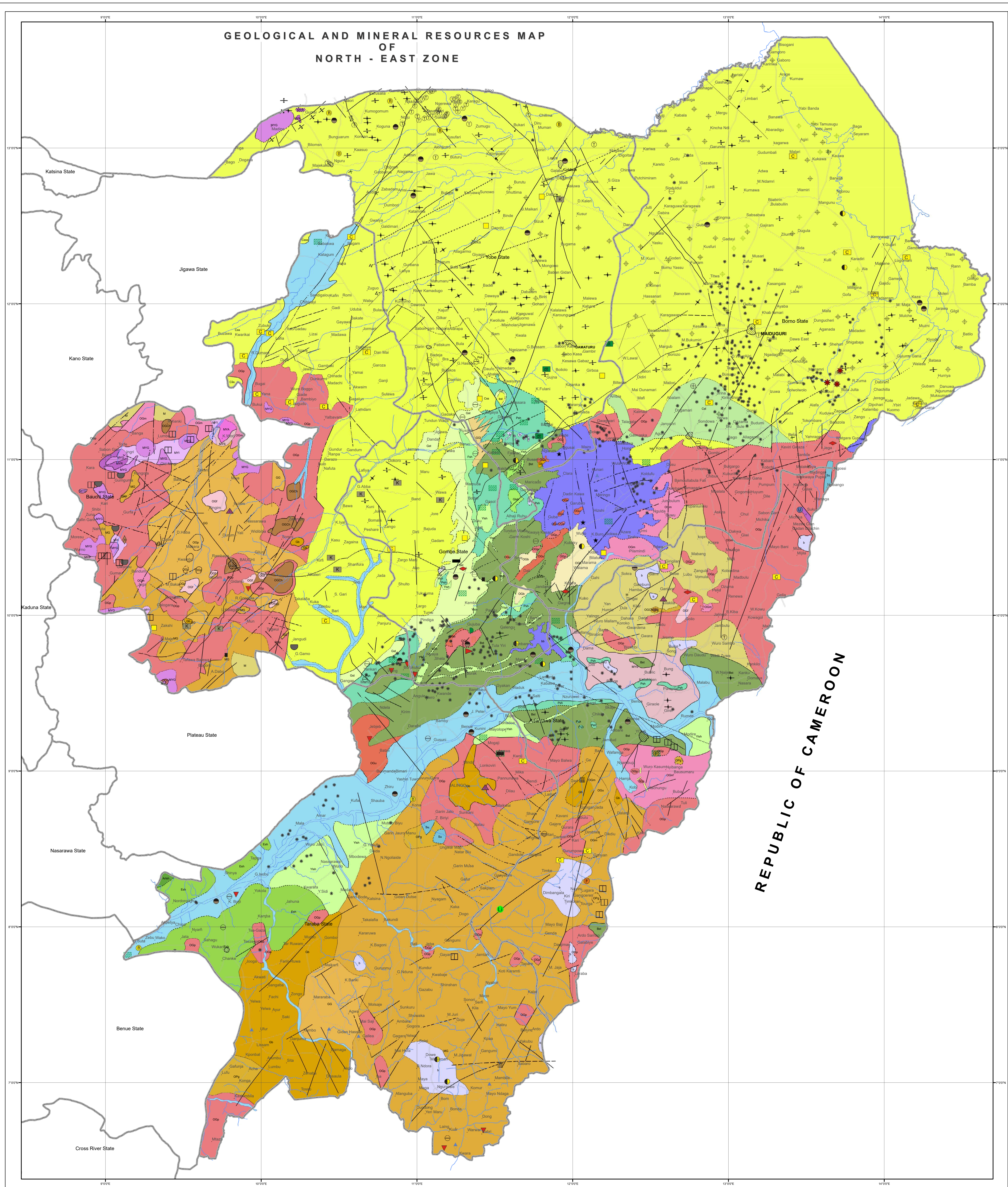




EXPLANATIONS

- Alluvium
- Sandstone, clay and shale
- Sand and clay
- Rhyolite (r)
- Newer basalt
- Older basalt
- Grit, sandstone, shale and clay
- Sandstone, siltstone, shale, coal and ironstone
- Shale, limestone and sandstone
- Shale, siltstone and sandstone
- Limestone and shale
- Sandstone
- Shales and Siltstones
- Shale, clay, sandstone and limestone
- Sandstone, shale and clay
- Shales and limestone
- Ignimbrite
- Trachy andesite
- Quartz porphyry
- Granite, granite porphyry and granophyre
- Syenite, quartz-syenite and gabbro
- Rhyolite
- Coarse porphyritic porphyroblastic mica granite
- Granite porphyritic biotite and biotite hornblende granite
- Fine grained biotite granite
- Medium coarse grained biotite and biotite hornblended granite
- Undifferentiated schist, including gneiss and flaggy quartzites
- Charnokite and charnokitic rocks
- Undifferentiated schists, including granite gneiss and migmatite
- Porphyroblastic gneiss
- Granite gneiss
- Migmatitic gneiss
- Banded gneiss
- Migmatite
- Geological boundary inferred
- Geological boundary approximate
- Geological boundary definite
- Fracture / Fault
- Fracture / Fault inferred
- Fracture / Fault Approximate
- Fault showing relative movement
- Sand dunes showing probable direction of movement
- Structural trends lines
- Anticlinal axis
- Synclinal axis
- Volcanic centres
- Volcanic plugs
- Silicified shear zone

INDUSTRIAL MINERALS

- Limestone
- Gypsum
- Bentonite
- Kaolin
- Calcite
- Feldspar
- Fire Clay
- Phosphate
- Clay
- Diatomite
- Barytes
- Magnesite
- Graphite
- Bauxitic Clay
- Lead - Zinc
- Chalcopyrite
- Iron Ore
- Cassiterite
- Rutile
- Gold
- Fluorite
- Amethyst
- Aquamarine
- Zircon
- Topaz
- Gemstone
- Tourmaline
- Lignite
- Coal
- Trona
- Brine
- Salt
- Aggregate

METALLIC MINERALS

PRECIOUS MINERAL

SEMI PRECIOUS MINERALS

ENERGY MINERALS

EVPORITES

DIMENSION STONE

MAP HISTORY

This first edition depicts the Geological and Mineral resources of South West Zone collated from the data compiled by NGSA state offices. In 2004, the existing data on the geological and mineral resources of the zone was reviewed for each state under the permission of former Director General (Prof. Siyan Malomo), supervised by Mr. O. Ezewu (Zonal Coordinator). Detailed Geological mapping and field checks were carried out especially in areas suspected to be mineralized.

" ZONAL MINERAL RESOURCES MAP OF NIGERIA "

Data collection: Between 2019 - 2025, NGSA has generated more recent mineral location database to update the map content. Supervised by Director Economic Geology (Mr. Isaac Okwon)

Compilation and Checking/ Cartographic Design and GIS Map Reproduction: Supervised by: Mr. Ayodele A. Omoteshin (Chief Technical Officer, Cartography)

Entire Project undertaken by NGSA under the supervision of the Director General.

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PROF. OLUSEGUN O. IGE., FNMGS
Director General



- Sediment
- Chad Formation
- Younger intrusive
- Younger basalt
- Older basalt
- Kerri - Kerri Formation
- Gombe Formation
- Fika Formation
- Pindiga Formation
- Gongila Formation
- Gulani Formation
- Eze - Aku Formation
- Yolde Formation
- Bima Formation
- Azu River Formation
- Younger Granites Series
- Older Granites Series
- Migmatite - Gneiss Complex
- Recent
- Pleistocene / Pliocene
- Paleocene
- Maastrichtian
- Turonian
- Turonian
- Cenomanian Albian
- Abian / Cenomanian
- NEOGENE
- PALEOGENE
- CRETACEOUS
- JURASSIC
- PAN - AFRICAN
- PRE - CAMBRIAN
- Crystalline Basement Complex
- Tectonic Unit

- Roads
- Railway
- Rivers

NEW DISCOVERY

Commodity

- Calcite
- Lithium Ore (spodumene)
- Uranium

