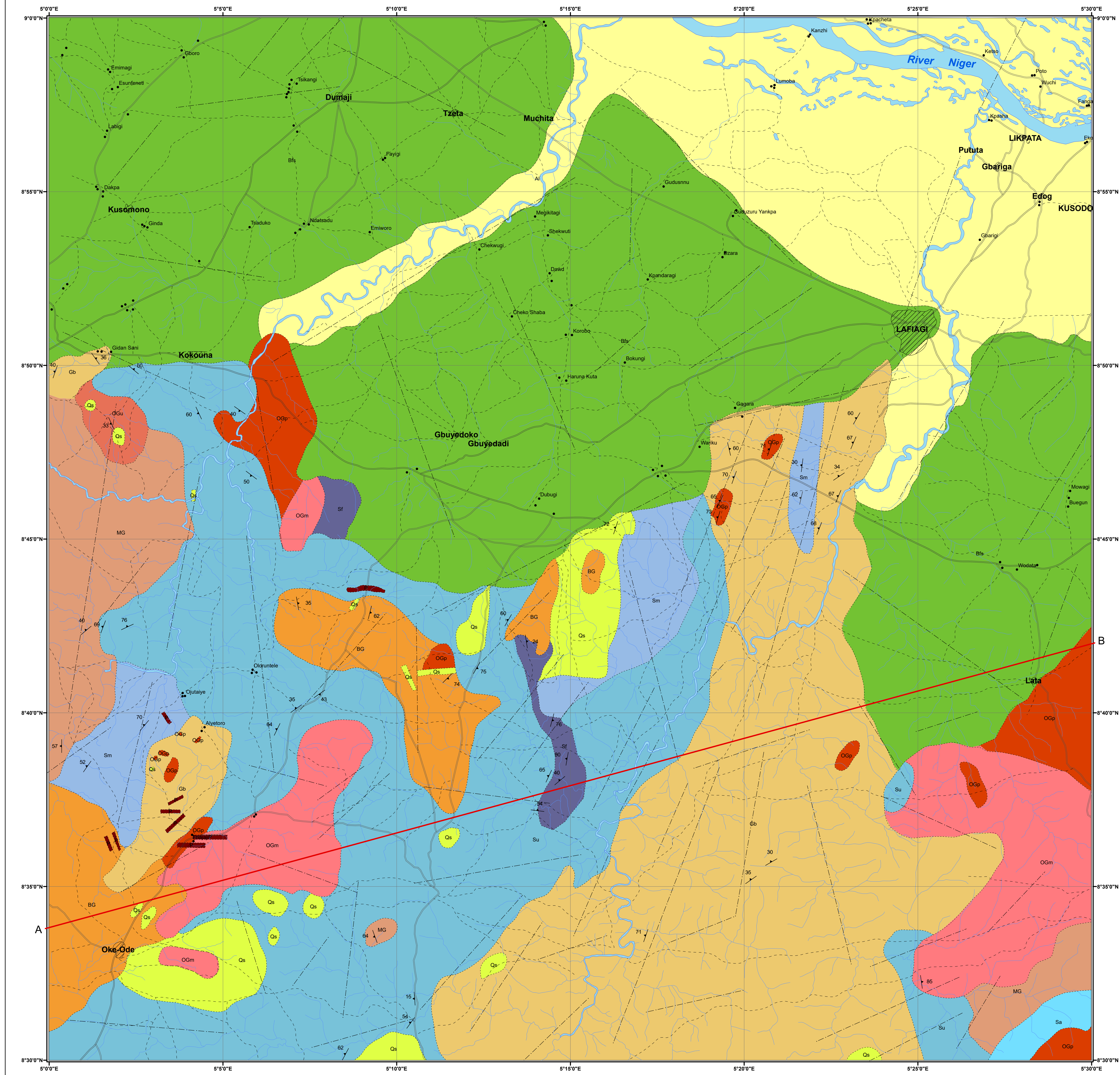


**Lithology**

- Al Alluvium
- Bfs Feldspathic sandstone and siltstone
- Pegmatite
- Gb Hornblende-biotite gneiss
- OGp Porphyritic granite
- OGm Medium-to-coarse-grained biotite granite
- Undifferentiated Older Granite, including gneisses and migmatites
- Sa Amphibolite/ amphibole schist
- Sf Fine-grained flaggy quartzite and quartz schist
- Sm Pelitic schist/ muscovite schist
- Qs Quartzite, massive and schistose, also occurring (asridges), within schist complex
- Su Undifferentiated schist, including phyllites and some gneisses
- Banded gneiss
- MG Migmatitic gneiss

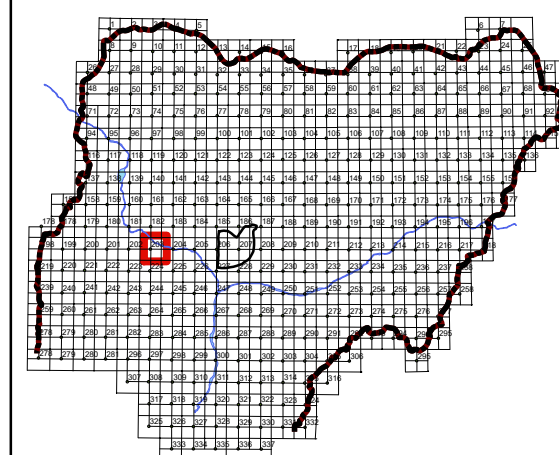
Quaternary

Bida formation

Pan African Older Granite Series**Meta-Sedimentary/ Meta-volcanic****Migmatite gneiss complex**

- Geological boundary definite
- Geological boundary approximate
- Strike & Dip
- Photogeologic Trends

- Settlement
- Footpath
- Road
- River
- Dam/ Waterbody
- City/ Town

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MAP HISTORY

The 1:100,000 Geological Series, a new publication, has emerged from the current NGSA initiative of geological mapping on the scale of 1:50,000. Four contiguous field sheets were merged into a half degree map.

Detailed mapping on 1:50,000 assisted by Landsat imagery interpretation was undertaken in 2016 by the Regional Geology Department of NGSA (Mr. A. Fumilayo, Acting Director).

Cartographic Designs & Data processing, including digitisation and re-map production, were undertaken by the Cartographic Unit/ Map Production Team of NGSA

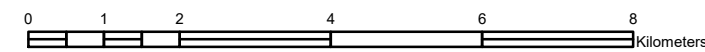


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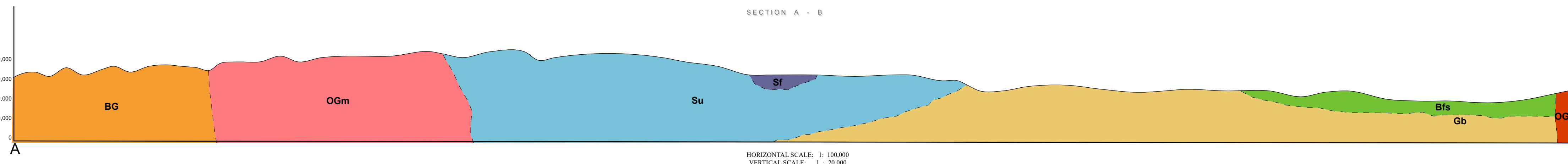
Professor Olusegun O. IGE *FMGS*

Director General
Nigerian Geological Survey Agency

1:100,000



SECTION A - B

HORIZONTAL SCALE: 1:100,000
VERTICAL SCALE: 1:20,000