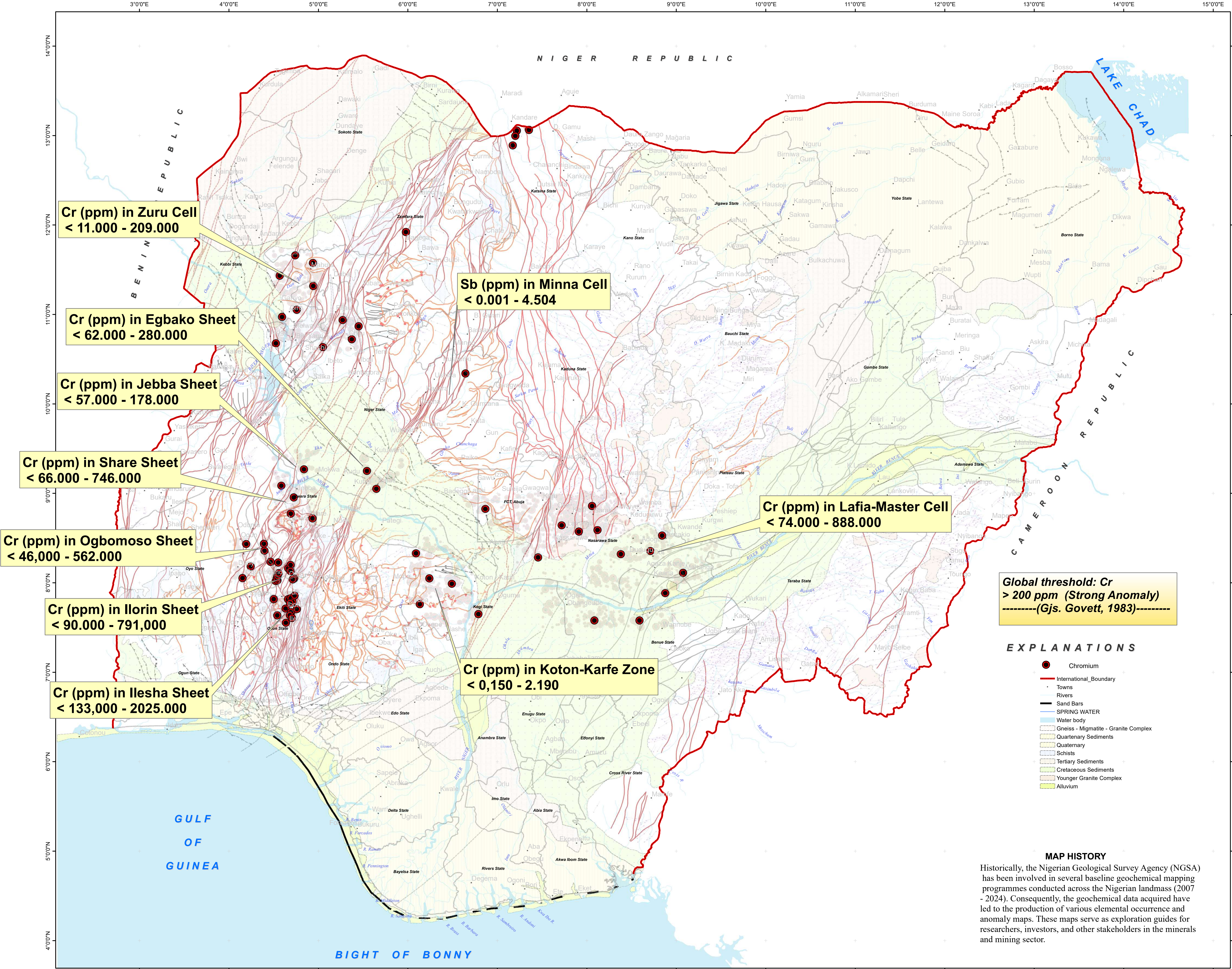


SPATIAL DISTRIBUTION & VARIABILITY OF SELECTED CHROMIUM CONCENTRATION IN NIGERIA



Lithostructural Details

- Fault-syn to post rift
- - - Fault-syn to post rift-concealed
- . - BIF-concealed
- . - Dyke
- . - Dyke-concealed
- Fault
- - - Fault-concealed
- . - Fault-early rift
- - - Fault-early rift-concealed
- Shear zone-late
- - - Shear zone-late-concealed
- Shear zone-early: Terrane boundary zone
- Shear zone-early
- - - Shear zone-early-concealed
- Shear zone-low angle thrust
- - - Shear zone-low angle thrust-concealed
- Shear zone-early extensional

Global threshold: Cr
> 200 ppm (Strong Anomaly)
----- (Gjs. Govett, 1983) -----

EXPLANATIONS

- Chromium
- International Boundary
- Towns
- Rivers
- Sand Bars
- SPRING WATER
- Water body
- Gneiss - Migmatite - Granite Complex
- Quaternary Sediments
- Quaternary
- Schists
- Tertiary Sediments
- Cretaceous Sediments
- Younger Granite Complex
- Alluvium

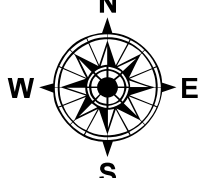
MAP HISTORY

Historically, the Nigerian Geological Survey Agency (NGSA) has been involved in several baseline geochemical mapping programmes conducted across the Nigerian landmass (2007 - 2024). Consequently, the geochemical data acquired have led to the production of various elemental occurrence and anomaly maps. These maps serve as exploration guides for researchers, investors, and other stakeholders in the minerals and mining sector.

PUBLISHED BY THE
AUTHORITY OF THE FEDERAL REPUBLIC OF NIGERIA
Prof. Olusegun O. IGE FNMGS.
Director General



Copyright reserved@ Nigerian Geological Survey Agency, 2026



80 0 80 160 240
Kilometers

SCALE:- 1:2,000,000

Note: Geochemical Sampling

* 1 Cell = 9 Sheets on Scale:- 1:100,000

* 1 Master Cell covered 10 Sheets on Scale:- 1:100,000