



Federal Republic of Nigeria
Ministry of Mines & Steel Development

IRON ORE

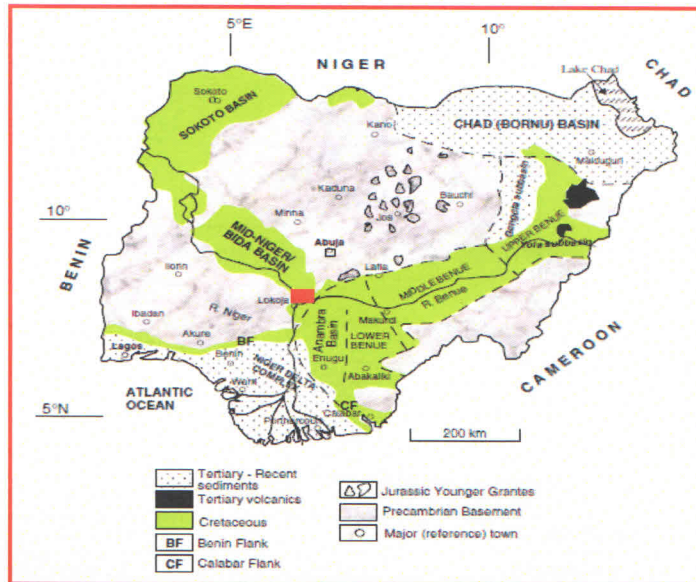
Exploration and Investment Opportunities in Nigeria

■ Location:

- ☉ Enegbaki Akpogu, Koton- Karfe LGA, Kogi State.
About 9km East of Akpogu village along Abuja -Lokoja road

■ Geology of the Iron Ore Project Area:

- ☉ The geological setting of the project area is similar to the Koton-Karfe and Agbaja iron ore deposit. The area lies within the Bida-basin. It is a shallow trough filled with marine to floriated strata of Campanian – Maastrichtian age. The deposit occurs as sedimentary ores of Oolitic iron stones, consisting of Oolitic and Pisolitic iron stones extending from the Koton-Karfe ridges. The iron ore bearing steep slope plateau trends in a NE – SW direction with an average height of 263m above sea level.



Geological map of Nigeria inset location of Enegbaki Akpogu Iron Ore Project in Redbox (Modified After Obaje)

■ Exploration History:

- ☉ Exploration carried out in an area of approximately 1Km²
- ☉ Twenty five core-holes drilled to depths between 21and 42m.
- ☉ The thicknesses of iron ore body range from 7.02m to 16.32m.

■ Reserve Size and Characteristics:

- ☉ Reserve: proven (27.15 million tonnes)
- ☉ Iron ore type: Limonite, Magnetite, Hematite

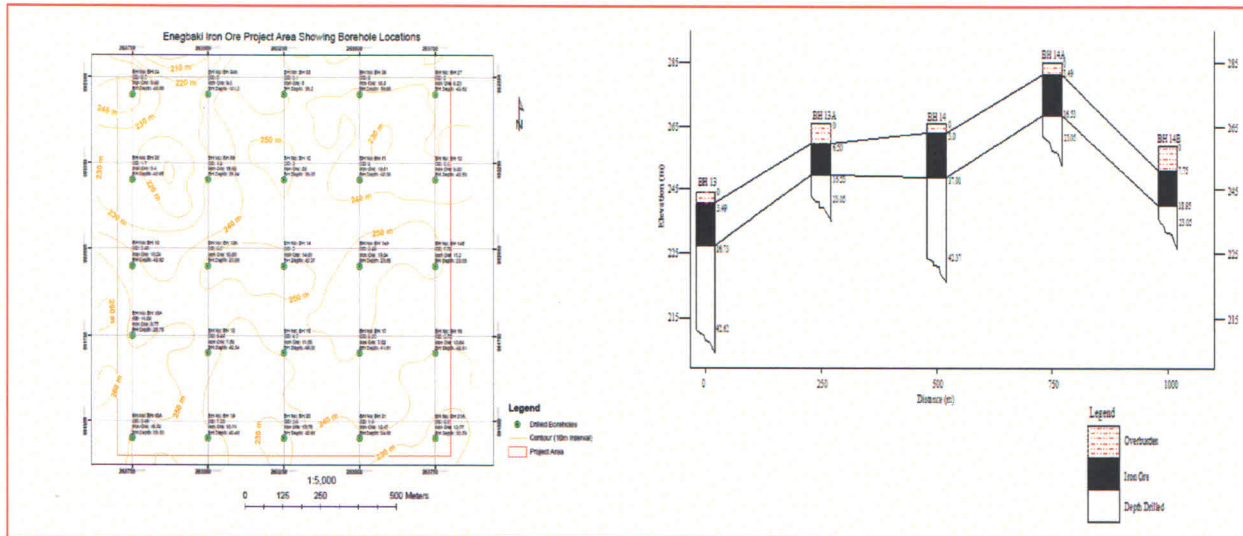
■ Available Data:

- ☉ Geological maps
- ☉ Contour Maps
- ☉ Core-logs
- ☉ Sections
- ☉ Analytical Data
- ☉ Reports

■ Infrastructure

- ☉ Accessible by road
- ☉ Access to Airport – Abuja, Makurdi and Enugu
- ☉ Access to inland waterways and sea port
- ☉ Export Processing Zones and Free Trade Zones
- ☉ Telephone –GSM Service





Available Data: Maps of iron ore project area, bore hole Data maps, Regional airborne magnetic Data

SAMPLE ID	CONCENTRATION (%)										
	AL ₂ O ₃	SiO ₂	P ₂ O ₅	CaO	TiO ₂	V ₂ O ₅	Cr ₂ O ₃	MnO	Fe ₂ O ₃	ZnO	Ag ₂ O
KG-ENE-FE-BH 14B	13	9.7	2.2	0.20	0.24	0.083	0.036	0.13	72.60	0.062	0.96
P KG-ENE-FE-BH 14B	11	4.0	4.5	0.793	0.25	0.12	0.032	0.29	77.76	0.93	0.96
KG-ENE-FE-BH 14B	15	10	2.6	0.383	0.294	0.13	0.039	0.10	69.62	0.03	0.057
KG-ENE-FE-BH 14B	12	8.8	2.3	0.19	-	0.11	0.032	0.033	74.78	0.049	1.43
KG-ENE-FE-BH 14B	16	12	2.2	0.13	0.25	0.092	0.042	0.093	67.86	0.045	0.89
KG-ENE-FE-BH 14B	8.6	5.9	2.2	0.18	-	0.10	0.034	0.18	56.48	0.061	1.42
KG-ENE-FE-BH 14B	15	9.5	1.8	0.14	-	0.12	0.032	0.28	50.55	0.060	0.93
KG-ENE-FE-BH 14B	11	7.1	2.5	0.384	-	0.93	0.031	0.034	53.69	0.066	0.96

Geochemical Analysis Data

Investment opportunities abound in the following areas:

1. Applying for mineral titles with a view of wholly owning the mining rights
2. Partnering with existing title holders for detailed exploration as consultants and specialists
3. Partnering with existing title holders in joint venture agreement to explore, mine and market resources of areas of interest.
4. Legal transaction in commodities won in quarries and operations for export.

Potential investors are invited to contact the following for further information

www.fmmsd.gov.ng

www.ngsa-ng.org

www.miningcadastre.gov.ng

dgooffice@ngsa-ng.org

events.promotion@fmmsd.gov.ng

