



AEMG LTD

AFRICA EXPLORATION & MINERALS GROUP LTD

UNLOCKING POTENTIALS; SECURING THE FUTURE





AEMG LTD

Company Overview

The Smartest cost-effective Explorations

Africa Exploration & Minerals Group Limited (AEMG LTD) is a licensed, innovative minerals exploration, mining services, and consulting company based in Accra, Ghana. Founded with a vision to transform Africa's mining landscape through cutting-edge technology, environmental stewardship, and sustainable community partnerships, AEMG specializes in mineral exploration, resource estimation, geological consulting, and mining support services.

AEMG is licensed by the Ghana Minerals Commission as a Minerals Service Company and operates with advanced, globally certified technologies to increase exploration efficiency and promote responsible resource development.





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Our Mission

Commitment to Excellence

To unlock Africa's mineral wealth sustainably, using innovative exploration technologies and empowering communities to build a prosperous future.



Sustainable Resource Extraction

We are committed to responsible mining practices that minimize environmental impact, promote efficient resource utilization, and ensure sustainable development for future generations through advanced technologies and strict environmental policies.

Economic and Social Growth

Our mission is to contribute to local and global economies by providing employment opportunities, fostering community development, and enhancing infrastructure while ensuring fair wages and ethical labor practices.

Innovation in Mining

We aim to integrate cutting-edge technologies, data-driven strategies, and automation to improve safety, efficiency, and productivity, ensuring a smarter and more effective mining process.



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Shaping
the Future
of Mining



Our Vision

To become Africa's leading partner in sustainable mineral exploration, development, and environmental stewardship.

Community Empowerment

To enhance local economies by creating jobs, investing in education, and supporting regional development initiatives.

Sustainability Leadership

To become a global leader in environmentally responsible mining, reducing carbon footprints and prioritizing eco-friendly practices.

Technological Advancement

Leveraging cutting-edge technologies like Nuclear Magnetic Resonance (NMR) exploration To continuously innovate by implementing automation, artificial intelligence, and digital solutions for enhanced efficiency and safety.

Global Market Expansion

To broaden our reach by entering new markets and strengthening partnerships worldwide for sustainable growth.



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Services



- Mineral Exploration Services (gold, iron ore, copper, etc.)
- Geological Mapping and Target Generation
- Mineral Resource Estimation (MRE)
- Environmental and Social Impact Assessment (ESIA)
- Remote Sensing and Satellite Data Interpretation
- Drilling Program Design and Supervision
- Mining Project Development and Management
- Small-Scale Mining Support Services
- Green Growth and Climate-Resilient Mining Initiatives





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Gyamurume Iron Ore Project (Oti Region, Ghana)

- Large-scale iron ore exploration within the Buem Formation.
- Ongoing diamond drilling campaign: significant high-grade BIF intercepts.
- Mineral Resource Estimation (MRE) being conducted, in collaboration with GGSA (XRF analysis).
- Targeting NI 43-101 or JORC compliant resource classification.

Akoase Gold Project

- Joint venture with the Government of Ghana.
- Nuclear Magnetic Resonance (NMR) exploration identified 17 targets.
- Initial in-house resource estimation: 771,815 tons at 0.61 g/t Au (~16,533 oz Au).

Oti Region Copper / Nickel Project

- Targeting copper & Nickel mineralization in Pan-African orogenic belt.
- Cu-in-soil anomalies: 105–285 ppm.
- Potential for large-scale copper & Nickel development.

Asankragwa Gold Prospect

- Located in the Asankrangwa-Manso Nkwanta gold belt.
- RC and diamond drilling confirmed significant gold mineralization.
- Exploration advancing toward maiden resource declaration.

Efficient and
Sustainable
Projects



Flagship Projects



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Essential Elements of Our Success

Skilled Workforce

A team of experienced geologists, engineers, and miners drive efficiency, safety, and innovation, making our operations sustainable and productive.

Mineral Reserves

Our company boasts rich deposits of valuable minerals, including copper, gold, iron ore, lithium, nickel and rare earth elements, ensuring consistent supply to global markets.

Advanced Equipment

Cutting-edge machinery and automation allow for increased efficiency, reduced environmental impact, and enhanced worker safety in all mining operations.

Key Resources





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Market Demand



Meeting Global Needs

The demand for minerals and metals is rising due to rapid industrialization, urbanization, and the shift towards renewable energy. The automotive, electronics, and construction industries rely heavily on mined resources to meet production needs. As economies grow and technology advances, mining remains a critical industry, ensuring the continuous supply of raw materials to sustain global development.



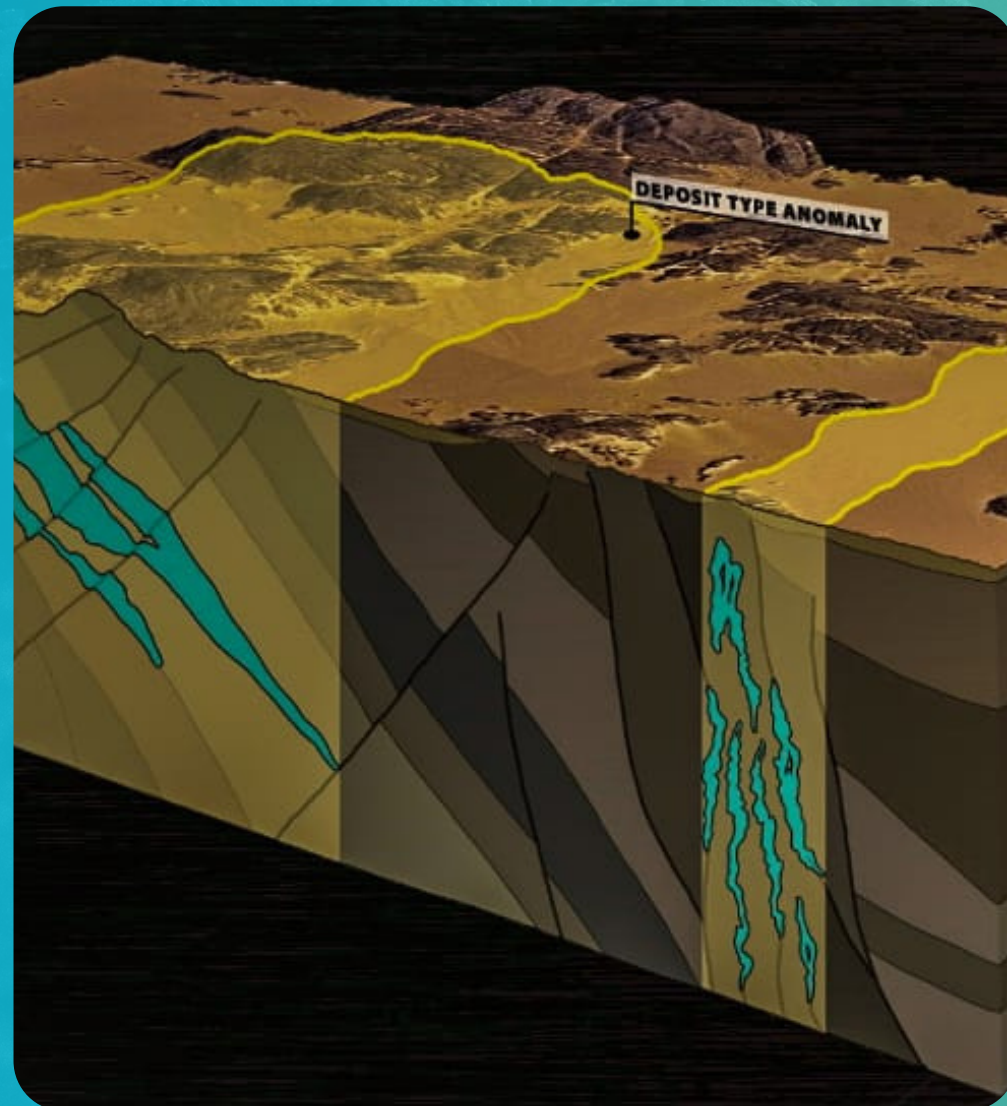
Sustainability and Green Growth

- AEMG is a pioneer in climate-smart mining projects in Ghana.
- Currently engaging the Climate Financing Division of the Ministry of Finance for a project promoting green growth in mining.
- Focused on training local communities, improving small-scale mining practices, and ensuring environmental sustainability.



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Advancing Mining Through
Innovation



Innovation & Technology



Automation & AI

We incorporate robotics, artificial intelligence, and automated machinery to enhance safety, optimize operations, and increase production efficiency in mining activities.

Sustainable Mining Solutions

- Nuclear Magnetic Resonance (NMR) Mineral Exploration: Direct targeting of gold and other minerals using absolute frequency technology.
- Remote Sensing and AI Data Interpretation: Reducing exploration time and costs.
- Modular Processing Plants for small-scale and tailings mining operations.

Digital Monitoring & Safety Systems

Implementing real-time data tracking and predictive maintenance technologies ensures operational efficiency, enhances worker safety, and minimizes equipment failures.



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The Road
Ahead

The future of mining lies in sustainable resource management, where innovation drives efficiency and reduces environmental impact. We envision a world where mining operations are fully automated, carbon-neutral, and aligned with global sustainability goals, ensuring a greener industry.

Future Vision

Our company plans to expand its reach by investing in renewable energy projects, strengthening industry collaborations, and developing cutting-edge technologies to maximize resource utilization while minimizing ecological footprints. We are committed to reshaping mining into an environmentally responsible and economically viable industry.





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Isaac Obeng Darko (Chief Executive Officer)

A visionary leader with over 20 years of experience in mining operations, business strategy, and sustainability initiatives.



Our Team

Leadership and
Expertise



Samuel Frimpong (Chief Operations Officer)

A mining technology approach specializing in AI-driven exploration techniques and eco-friendly mining innovations.



Dr. Fred Nimoh MSc. DBA, P.Geo (Technical Director)

About 30 years international experience.

- Expertise in open pit (gold and platinum) and underground (gold) mining and exploration (brown field and near mine). Focus in resource estimation, grade control, mine-to-mill reconciliation and QAQC.



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Our Team

Franklin Muss

(Chief Geologist)

A seasoned Senior Project Geologist with over 12 years experience, member of the Ghana Institute of Geoscientists (GhIG) and the West African Institute of Mining and Metallurgy (WAIMM).



Timothy Teye

(Head of Safety & Training)

A certified fire and safety trainer with over 20 years experience in safety training and management



Stephen Oduro Amoako

(Director, Commercial & Projects)

Over 14 years experience in the mining space

- Stephen's experience is in relation to the mineral exploration industry in the areas of administration, logistics, accounting and project support.



Japhlet Adu Arin, PMP

(Project Manager)

Over 10 years experience.

- Japhlet has managed complex projects and his skills covers Mining and Exploration, Oil & Gas, Telecommunication, Finance, Construction and IT infrastructure.



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Our Team

**Maame Akua
Amoako-Asomaning**
(Executive director)



John Kavanagh
(chief consulting partner)



Kristopher Barr
(Director)

Eric Boateng

(Head of Engineering)

Over 15 years experience in the oil and gas industry with expertise in tank cleaning, pressure testing and storage tank calibration



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Our Key&Strategic Partners



MULTIPOWER





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Thank You

Join Us in Building a
Sustainable Future in
Mining

