



## **ANNOUNCEMENT FOR RECRUITMENT OF A RESOURCE GEOLOGIST**

The African Minerals and Geosciences Centre (AMGC) is an ISO 9001:2015 certified. The Centre in its Geo-information Department is currently looking for a Professional Resource Geologist for training services on Practical Resource Estimation during scheduled training sessions.

The Resource Geologist to be recruited will be responsible for the development and execution of training courses on topics related to Resource/Reserve Estimation. The training course is designed for two weeks (10 working days) and the fee varies from \$900 to \$1,500 per person (\$900 for member states who paid their annual contribution in full) and the Resource Geologist shall be paid 1/4 to 1/3 of the total fee collected from the fees from the registered participants for the course.

### **KEY PERFORMANCE AREAS (DUTIES AND RESPONSIBILITIES):**

The Resource Geologist is expected to enable a trainee to do the following tasks;

- Validate interpretative and analytical data as received.
- Oversee and verify models and interpretations built by Junior Geologists and / or consultants.
- Update or create 3D litho-structural models and mineralized models if required.
- Conduct extensive QA/QC monitoring to ensure data and interpretations are accurate.
- Manage all information related to the resource, ensuring assays, composites, densities, and related information are accurate and validated.
- Monitor regulatory compliance with respect to mineral resource and mineral reserve estimates.
- Review data integrity and quality during each drilling phase and ensure effective communication is maintained with all relevant team members.
- Produce and validate block models and other parameters as required.
- Collaborate with the engineering, exploration, and environment teams to coordinate all aspects of the geological resource and reserve processes pertaining to all aspects of the project.
- Recommend updates or changes to the resource modelling processes to improve quality and efficiency and ensure any modifications are consistently implemented and documented
- Supervising data entry clerks and pit controllers on database related issues.
- Liaise with database providers such as datashed or acquire to maintain SL Mining data integrity.
- Work hand-in-hand with IT department to solve mining related application problems.
- Promote and develop the skills of subordinates through the transfer of technology and skill development through on-job training programs.

- Encourage and facilitate effective and supportive communication between all team members and related departments.
- Demonstrate personal commitment regarding Safety and Environmental and Social Responsibility practices.
- Ensure that agreed procedures, safeguards and controls are applied and used.
- Ensure hazard management plans are observed.
- Keep statutory and internal reporting as required.
- Active participation to the Health and Safety Committee.

#### **MINIMUM REQUIREMENTS:**

- Bachelor's degree in Geology or Mining Engineering (Master's degree will be an advantage).
- Professional registration with QP status.
- Minimum seven (7) years' work experience in operations or exploration including at least 5 years in resource modelling.
- Experience in gold and bulk commodities such as iron ore and bauxite very essential.

#### **KEY COMPETENCIES:**

- Advanced knowledge of Surpac or similar software, in particular the 3D modeling and resource calculation aspects.
- Strong 3D interpretation and geostatistical modeling skills.
- Strong skills in MS Office, Database (MS-SQL and Access), and map making software applications.
- Detail-oriented and able to follow and maintain accurate, detailed documentation and policies.
- A proven track record in mining operations as well as exploration experience.
- Experience in a developing country with a preference for African experience.
- English language and technical reports skills are desirable.
- Demonstrates strong conceptual skills and be capable of developing lateral and practical solutions.
- Strong analytical and problem solving skills.

#### **APPLICATION MODALITY:**

All applications should reach the address below.

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