



JOB TITLE : **Geologist**
JOB GRADE : **KRL03**
DEPARTMENT: **Mining**

JOB PURPOSE

The Geologist is responsible for supervision of and participation in day-to-day operational geology activities and contract programs at Kabundi Mine sites Mine. These include the safe execution of site exploration works, production geology, collection of geological and survey data, proper sample protocol, Quality Control/Quality Assurance.

The Geologist will be expected to provide quality mine geology services and work collaboratively with the broader Mining Team to maximize return from the operation. The geologist is further expected to design, manage and implement exploration programs.

KEY RESULT AREAS AND PRINCIPAL ACCOUNTABILITIES

KEY RESULT AREAS	PRINCIPAL ACCOUNTABILITIES (MAIN DUTIES)
Planning	<ul style="list-style-type: none">• Plan geology projects• Implements processes, policies, systems and practices within geology that contribute to effective geology operations.• Assists in developing in-mine exploration and delineation drilling programs• Provide geological support to the operation, ensuring safe and efficient production• Participate in production and planning meetings, and daily and weekly reporting

Exploration	<ul style="list-style-type: none"> • Participate in the Implementation, interpretation and reporting of drilling activities. • Collection of geologic data, mapping, sampling, RC chip and core logging • Ensure data integrity and implementation of QAQC procedures.
Grade Control	<ul style="list-style-type: none"> • Coordinate sampling and compliance to protocols. • Supervision of grade control operations on site. • Manage the flow of sample data from the pit through to the lab and into the database. • Work collaboratively with technical and operational teams to ensure timely and effective ore control activities to meet monthly production plans. • Accurately and securely store data obtained on the database. • Coordinate QA/QC programs, highlight and resolve accuracy and precision issues with the contracted laboratory. • Participate in production and planning meetings, and daily and weekly reporting
Reporting	<ul style="list-style-type: none"> • Daily weekly, monthly and quarterly reporting.
Projects	<ul style="list-style-type: none"> • Undertaking in geological project work related to drilling activities as directed by the Mine Manager. • Work with the Mine Manager on new work approaches, methods and policies to optimize performance and to ensure adherence to industry regulations and organizational standards. • Compiles and interprets geologic and assay data that will assist in solving grade distribution questions (ore-waste boundaries, dilution) and facilitates efficient mining.

REPORTING RELATIONSHIPS

a) Reports to:

- Mine manager.

b) Other Jobs Reporting to (a) above

- Mine Engineer
- Safety Officer
- Wash Plant Foreman
- Maintenance Foreman

c) Number and level of immediate subordinates:

None

ESSENTIAL/DESIRABLE QUALIFICATIONS/EXPERIENCE

a) Professional Qualifications :

- Grade 12 Certificate with 5 O Levels
- Bachelor of Science-Majoring in Geology
- Must be a member of the Engineering Institution of Zambia (EIZ).
- Valid driver's licence class B or better

c) Minimum Relevant Pre-Job Experience:

- Minimum 3 years' experience in a similar position

c) Skill Specifications:

- Knowledge of Reverse Circulation (RC) and Diamond Drilling (DD) methods.
- Basic knowledge of sampling, sample management, QA/QC, and laboratory auditing
- Some experience in mapping, logging, section interpretation
- Must be computer literate with exposure to 3D geological software & competent with Microsoft Office programs
- Be familiar with mining in open cut mines and knowledge of their management principles and philosophies would be advantageous
- Must have excellent written and oral communication skills in the English language.
- Previous experience with Manganese operations advantageous

d) Other Attributes (Personality Traits)

- Attention to detail.
- Confidentiality
- Methodological
- Strong personality & respect for confidentiality
- Objectivity and Integrity