

JOB SUMMARY – MINE GEOLOGIST

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The Mine Geologist is responsible for the pit ore control duties of the Mining Department including identifying rocks, making critical decisions about the ore and providing geology related services to other mine personnel. In addition, the Geologist provides data entry services to the department and processing and handling of all samples that are generated from the Mining department. The Geologist also uses the Maptek Vulcan software suite to generate grade-control block models to direct mining, as well as helps with surveying duties on an as-needed basis.

JOB RESPONSIBILITIES

- Handling, collection, and processing of all geologic samples. Geologic mapping. Petrography analysis. Applied science and geology to solve problems.
- Using advanced professional knowledge, work with your fellow Geologist and other mining colleagues on a variety of internal and/or external requests such as helping to process samples onsite from the exploration geology department and developing and updating mineral reserve and resource models for estimating reserves and resources.
- 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.
- Implements processes, policies, systems and practices within geology that contribute to effective geology operations.
- Keeps on top of trends related to geology and incorporates this information into work assignments and approach.
- Monitors costs related to geology and implements approved recommendations for maximizing operational efficiencies.
- Actively seeks mentorship and learning to improve product or technical knowledge and skill set
- Investigates, researches and analyzes information and issues related to geology.
- Prepares and updates reserve technical reports and documentation to ensure compliance with industry and operational requirements.
- Compiles and interprets geologic and assay data that will assist in solving grade distribution questions (ore-waste boundaries, dilution) and facilitates efficient mining.
- Collaborates with senior management to identify and analyze business requirements and the implications for the team; identifies gaps and implements agreed upon solutions.
- Assists in developing in-mine exploration and delineation drilling programs.
- Establishes and maintains a professional relationship with local academic staff, federal, and state geologists, independent consultants, and geologists.
- Identifies strategies and key performance goals and acts as an advisor to direct reports; works to overcome challenges and barriers and minimize risk.
- Identifies key performance measures for the team; monitors and reports on the achievement of targets and revises strategies as needed.
- Assist our mine surveyor as needed and stand in as his substitute when quick surveying tasks are required on the surveyor's off days.

REQUIRED EXPERIENCE

- At least 1 to 3 years of mining experience preferred.

REQUIRED EDUCATION/CERTIFICATION/LICENSURE

- Geology degree or closely related degree, required
- Valid Driver's License (required, where applicable)

SPECIALIZED SKILLS

- Rock crushers, pulverizers, shatter cells, handheld XRF Preferred
- XRF, XRD, EDXRF, QEMSCAN Preferred
- Microsoft Office Suite
- Petrographic microscope
- Field mapping

SAFETY PROVISION

Employees are responsible for following all company, industry and regulatory procedures and laws to ensure a safe work environment by oneself and to the company.

A willingness to promote safety among the workforce. Participate in Process Hazard Analysis procedures and Pre-Startup Safety Reviews.

(PPE) Personal Protective Equipment is required when performing work in a mine, manufacturing, outdoor, or plant environment, including hard hat, hearing protection, safety glasses safety footwear and as needed, respirator, rubber steel-toe boots, protective clothing, gloves and any other protective equipment as required.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

WORKING CONDITIONS

- Our facility is located about 45 minutes south of Las Vegas and at an elevation of 4700 feet.
- Employees are subject to outside weather conditions.
- Work is in a manufacturing plant setting, which may include exposure to moving mechanical parts, toxic chemicals, risk of electrical shock, fumes or airborne particles.
- May be required to lift moderately heavy objects (up to 50 pounds) during the course of the workday.

BENEFITS

Company paid Life Insurance
Medical
Dental
Vision