



JOB DESCRIPTION

BARKERVILLE GOLD MINES LTD.
3700 SKI HILL ROAD
WELLS, BRITISH-COLUMBIA
V0K 2R0

Environmental Geochemist

Reporting to the Environmental Manager, the Environmental Geochemist will implement the Metal Leaching and Acid Rock Drainage (ML/ARD) *Mines Act* permit requirements and other geochemical sampling/data management and reporting, to keep BGM compliant with permits, provincial and federal environmental regulations, policy and guidelines.

The Environmental Geochemist will implement the requirements of the ML/ARD Management Plan using standard operating procedures for sample collection, analyses and reporting requirements and other geochemical/MLARD assessments, analysis and reporting needs. The Environmental Geochemist will lead BGM's MLARD assessment, sampling and information management and provide operational guidance to follow best industry practices for the prediction, prevention and management of ML/ARD.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

The successful candidate will:

- Collect samples in a timely manner for geochemical characterization of rock excavated, exposed or disturbed by mining activities to predict, prevent or minimize ML/ARD.
- Setup, sample, maintain and operate field kinetic tests.
- Coordinate sample delivery to and liaison with an analytical laboratory qualified and experienced in ML/ARD testing.
- Maintain records of samples collected and analytical results in a geochemical database.

- Assess the analytical results to ensure that geological materials excavated, exposed or disturbed by mining activities are characterized, ML/ARD risks classified, and materials managed in a manner that prevents or minimizes ML/ARD.
- Prepare reports on the results of sample collection and analyses in accordance with provincial and federal requirements including monthly, annual and as needed.
- Support the Environmental department with the monitoring of seepage and drainage from mine components including sample collection, laboratory liaison and analyses, assessment and reporting of results.
- Assist with the preparation and implementation of environmental programs schedules and budgets under the Environmental Management System (EMS).
- Interact and communicate with BGM Geology, Mine, and Environmental departments to ensure that requirements of the Mines Act permit and ML/ARD Management Plan are understood and followed.
- Demonstrate leadership in health and environmental matters ensuring that unsafe practices or non-compliant behaviors do not occur.
- Maintain positive relationships and represent BGM positively with First Nations, government inspectors, regulators and other stakeholders.
- Performing other related geochemistry and/or environmental duties as required including support to other BGM sites in the area and Environmental Assessment work.

REQUIREMENTS OF THE POSITION:

TRAINING / EXPERIENCE / CERTIFICATION / TRAINING

- Bachelors degree in environmental science, geology or related field.
- Completion of the Annual British Columbia Metal Leaching/Acid Rock Drainage Field School or an equivalent is considered an asset.
- 1 to 5 years of geochemistry and water quality sampling and assessment experience in mineral exploration and mining industry.
- Knowledge of BC and federal regulations for mineral exploration and mining industry.
- Specific experience in BC mining industry is an asset.
- Professional registered or eligible for registration with a British Columbia professional association as required by the specialty area (i.e., P.Ag., P.Geo.) or other technical accreditation.

SKILLS AND ABILITIES REQUIRED

- High degree of technical competence in geochemical characterization for ML/ARD prediction, prevention and management following best industry practices.

- Excellent planning and problem-solving skills, and results focused.
- Ability to adapt to changing schedules/priorities quickly and manage a diverse workload in a busy mining environment.
- Team oriented and strong verbal communication.
- Strong writing skills and proficient with Microsoft Office tools; particularly Excel and Access and related statistical and database tools.
- High integrity, dependability and an ability to foster trust with colleagues.
- Familiarity with environmental database software management such as EQWin is considered an asset.
- General knowledge of in water quality modeling, including GoldSim and PHREEQC (or equivalent) modeling.

The role will be based from Wells, BC and is not a camp job. Schedule is 5days on/2 days off typically. Successful candidate is expected to relocate to a nearby community (Wells, Quesnel).