



JOB DESCRIPTION

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

Superintendent-Water and Tailings Management

Reporting to the Manager of Mining, the Water and Tailings Management Superintendent role requires an in-depth knowledge, understanding and experience of operational mine water, water treatment and tailings management throughout the mine lifecycle. The successful candidate will provide water management support related to the design, construction, and operation of tailings facilities and mine water systems including process and storm water facilities, and serve as company resource for water management information and analysis.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

The successful candidate will be responsible for:

- Project lead on mine water management including mine water treatment and tailings technical studies on a cross-functional, multi-disciplinary basis;
- Apply working knowledge of Engineering principles to guide and/or execute site-specific operational water balance activities that include inspection, measurement, mapping, interpretation, accounting, analysis, coordination, problem solving, forecasting, and reporting;
- Provide site-specific support to Engineers and Consultants in the design, development and maintenance of site-wide water simulation models;
- Incorporate water use scenarios that consider specific production plans and climate scenarios to quantify water balance performance;
- Use results to formulate value-added solutions to identified challenges or as requested;
- Provide leadership to site water teams in the implementation of best practices related to water stewardship principles;
- Provide site-specific technical support as needed on applicable methods and practices;
- Review reports for design and operations projects and provide recommendations to site team and to project consultants;
- Project manager on mine water management including mine water treatment and tailings technical studies;
- Project management and co-ordination including: information control, planning and programming of works;
- Development of site and catchment-scale water balance models;
- Reporting monthly water quality results and summaries to relevant ministry departments;

- Completing field studies including flow measurements, erosion and sediment control monitoring, level surveys, and water quality sampling;
- Assisting with office duties such as data compilation and management, data analysis and presentation, and various aspects of deliverable preparation;

REQUIREMENTS OF THE POSITION:

TRAINING / EXPERIENCE / CERTIFICATION / TRAINING

- Bachelor or Masters of Science degree in Engineering preferably with specialization in water treatment or similar relevant discipline;
- Proven experience in mine water management, project management, life of mine study execution, and mine closure.

SKILLS AND ABILITIES REQUIRED

- Be technically competent and have a good understanding of key business drivers for underground mining;
- Able to effectively create strategic relationships with engineering, operations and management personnel;
- Have strong communication and people skills;
- Able to effectively make presentations;
- Be focused, clear, and decisive;
- Able to impact and influence to gain the alignment of the engineering, project, geology and operation groups;
- Ability to effectively establish priorities to meet BGM's strategic goals.