

Senior Geotechnical Engineer

The Cariboo Gold Project, through its wholly-owned subsidiary, Barkerville Gold Mines Ltd., is **Osisko Development Corp.'s** ("Osisko Development" or the "**Company**") flagship Project is currently seeking a highly motivated individual to be part of the Team as a Geotechnical Engineer for the Cariboo Gold Project in Wells B.C. This position's work will primarily be located at the project in Wells BC and will be a 4 days on 3 days off rotation.

Reporting directly to the Superintendent, Technical Services, the Senior Geotechnical Engineer will be responsible for ensuring the safe and stable design and operation of mines under the Cariboo Gold Project. This involves assessing soil, rock and ground conditions, developing ground control management plans, slope controls, foundational needs, and generally managing ground stability risks. Preventing issues of slope failures, landslides, and roof collapses, while considering environmental impacts and regulatory compliance. He/she will optimize productivity in accordance with goals and scheduling while demonstrating a strong personal commitment to safety and the environment.

Main Responsibilities

- Overseeing geotechnical aspects of projects, including scope definition, ground control, and reporting.
- Gathering, interpreting, and managing geotechnical data, including mapping, laboratory testing, and in-situ measurements, and utilizing numerical modeling tools to predict ground behavior.
- Conducting field observations and tests on soil and rock conditions to evaluate their properties and controls required for mining operations.
- Designing foundations for structures like mine openings, waste dumps, and tailings impoundments, considering load-bearing capacity, soil characteristics, and environmental factors.
- Assessing and mitigating risks associated with stability, and ground movement
- Installing and managing geotechnical monitoring systems, collecting and analyzing data, and reporting on ground conditions and potential hazards.
- Ensuring that mining operations adhere to relevant regulations and safety standards, including ground control management plans and hazard assessments.
- Collaborating with mine planning and operations teams to optimize mining methods, layouts, and sequences to minimize geotechnical risks and enhance productivity.
- Working with mining engineers, operations personnel, and other stakeholders to provide geotechnical expertise and support mine planning and operations.
- Providing technical guidance, mentoring junior engineers, and promoting best practices in geotechnical engineering within the organization.

- Considering the environmental impact of mining activities and implementing sustainable practices related to geotechnical aspects.
- Identifying, assessing, and mitigating geotechnical risks to prevent accidents and ensure the safety of personnel and infrastructure.
- Effectively communicating technical findings and recommendations to various stakeholders, including management, operations teams, and regulatory bodies

Skills and Abilities Required

- Ability to analyze data, interpret results, and make informed decisions related to ground conditions.
- Ability to identify and resolve geotechnical issues that arise during mine development and operation.
- Ability to effectively communicate geotechnical findings and recommendations to various stakeholders.
- Understanding of relevant regulations and standards related to ground control and geotechnical design.
- Ability to conduct site investigations, collect data, and supervise geotechnical field programs.
- Commitment to safety and a strong understanding of safety procedures in the mining environment.
- Ability to coach, mentor, and develop direct reports

Qualifications

- Bachelor's degree in Mining Engineering, Geological Engineering, or Civil Engineering with a geotechnical specialization
- Extensive experience in underground mining environments, particularly with narrow vein gold or other relevant deposit types
- Proficiency in using geotechnical software for modeling, analysis, and design.
- Great interpersonal skills
- Exceptional oral and written communication skills
- Strong organizational skills
- Ability to work in a team or individually as and when required.
- Ability to manage and handle multiple tasks
- Exceptional attention to detail.
- Good time management abilities.
- Strong decision making skills

Benefits

- Paid time off
- Extended Health, Dental, Vision Care
- Disability Insurance
- Life Insurance
- Employee Share Purchase Plan

This is an exciting opportunity to join a Company that intends to make its mark in the mining industry. This role has breadth offering the candidate great experience in an operating environment.

The estimated base annual salary range for this position is \$137,000 to \$172,000. The salary offered will be commensurate with relevant skills, knowledge, and experience.

Send your resume and cover letter to jobs@osiskodev.com. The candidates under consideration will be contacted directly.