

Job Title: Senior Underground Geotechnical / Rock Mechanics Engineer

Requisition ID **8067** - Posted - **7000 New Gold - Rainy River - Emo, Ontario**

Make an impact at an all-North American precious metals producer. New Gold is now part of Coeur Mining. Visit www.coeur.com to learn more.

Coeur Mining attracts and hires highly skilled individuals. By joining our team, you can look forward to:

- A stimulating values-based work environment
- A culture of collaboration and inclusion
- Inspiring colleagues and approachable leaders
- Career development opportunities
- A deeply rooted commitment to responsible mining, health and safety and community engagement
- A competitive total compensation program
- A comprehensive benefits package including a retirement savings plan

About Coeur Mining:

Coeur Mining is a growing, all-North American precious metals producer with seven operations: the Las Chispas silver-gold mine and Palmarejo gold-silver complex in Mexico, the Rochester silver-gold mine in Nevada, the Kensington gold mine in Alaska, the Wharf gold mine in South Dakota, the Rainy River gold mine in Ontario, Canada, and the New Afton copper-gold mine in British Columbia, Canada. In addition, Coeur owns the Silvertip silver-zinc-lead exploration project in British Columbia.

Coeur offers a flexible, hybrid work model and a culture built on safety, collaboration, and real opportunities to develop your career for those who want to grow alongside a company that is doing the same.

Rainy River

Situated in beautiful northwestern Ontario, 65 km northwest of Fort Frances, the Rainy River mine is an open pit and underground, gold and silver producing, residential mine site.

The Rainy River mine, located adjacent to the Ontario/Minnesota border is 65 kilometers northwest of Fort Frances, Ontario and is situated half way between Winnipeg, Manitoba and Thunder Bay, Ontario. The area is home to more than 130 species of birds and large populations of moose, black bear and deer. If you enjoy outdoor activities including hunting, fishing, winter sports and lake country then this is an area you will love to live and work in.

Applicants who reside in Northwestern Ontario and have experience working in a cross-cultural environment, coupled with knowledge of the unique challenges and opportunities presented to those living in the Northwest Ontario, are assets. Hiring priority will be given to qualified applicants who are beneficiaries of the Impact Benefits Agreement (IBA) and to qualified applicants residing in the Northwest Ontario communities. (Indigenous) Members must clearly identify their status on the online job application and resume if they wish to receive priority consideration.

About the Role

Schedule: 14 days on / 14 days off, 12-hour shifts (Flights and camp provided)

Position Reports To: Chief Mining Engineer

Position Overview

As a key member of Rainy River's Technical Services team, the Senior Geotechnical or Rock Mechanics Engineer provides technical leadership for underground rock mechanics and ground control. The role is accountable for geotechnical risk management, excavation stability assessments, ground support design and optimization, monitoring programs, and practical technical guidance to support safe and efficient mine development, production, and life-of-mine planning; this includes updating relevant standard operating procedures (SOPs) and the ground control management plan (GCMP).

Duties and Responsibilities:

- Lead, mentor, and provide technical direction to the underground geotechnical team while promoting strong collaboration with the underground Mine Operations, Mine Planning, Geology, Survey, Ventilation, and external consultants, including the site's Open Pit technical services staff.
- Own, maintain, and continuously improve the site's GCMP, associated standards, including SOPs, trigger action response plans, and geotechnical risk controls.
- Conduct rock mass characterization, structural interpretation, kinematic analysis, and excavation stability assessments for underground development, stopes, pillars, brows, intersections, and rehabilitation areas.
- Complete and review empirical, analytical, and numerical rock mechanics assessments to support mine design, sequencing, ground support, and operational decision-making.
- Develop, review, implement, and optimize ground support and reinforcement designs for mine development, production excavations, rehabilitation, and any areas of elevated geotechnical risk.
- Provide timely geotechnical inspections, hazard assessments, technical recommendations, and documented follow-up for active underground headings and work areas.
- Design, manage, and interpret geotechnical monitoring programs and results, including instrumentation, seismic data, cavity monitoring surveys, convergence measurements, and observational data; summarize the findings and provide recommendations for next steps.
- Investigate ground falls, seismic events, support performance issues, and adverse ground conditions; identify contributing factors and recommend corrective and preventive actions.
- Perform advanced numerical modelling and specialist studies with external consultants, including defining scope, reviewing assumptions, validating outputs, and translating results into practical design criteria.
- Maintain and update the long-term rehabilitation and ground support replacement plan, including risk-based prioritization and integration with the mine schedule.
- Provide geotechnical and numerical modelling input to the life-of-mine sequencing, stope and development design, pillar design, mine infrastructure, backfill strategy, and mineral reserve assumptions.
- Support geotechnical data management, quality assurance, technical reporting, budgeting, forecasting, and continuous improvement initiatives.
- Evaluate and trial new ground support products, monitoring systems, software, and geotechnical technologies where they can improve safety, reliability, or productivity.
- Participate in operational planning meetings, risk assessments, technical reviews, and emergency response activities as required.

Qualifications and Experience:

- Bachelor's degree in Geological, Geotechnical, Civil, or Mining Engineering; a master's degree specializing in rock mechanics or geotechnical engineering is an asset.
- Minimum of seven years of progressive underground mining geotechnical experience, including demonstrated rock mechanics experience in hard-rock mining environments.
- Professional Engineer (P.Eng.) designation in Ontario, or eligibility to obtain registration with Professional Engineers Ontario.
- Demonstrated experience leading, mentoring, or providing technical direction to geotechnical professionals and operational teams.
- Strong working knowledge of rock mass classification, structural geology, excavation stability, pillar and stope design, ground support systems, and geotechnical risk management.
- Experience with underground geotechnical monitoring and interpretation, including instrumentation and seismic or excavation performance data.
- Proficiency in geotechnical analysis and numerical modelling using Rocscience software (e.g., RS3, UnWedge, and Dips); experience with other software, such as Itasca and Map3D, is an asset.
- Experience with 3D mine design and geological visualization software such as Deswik is preferred.
- Ability to communicate complex geotechnical risks and recommendations clearly to technical and non-technical stakeholders.
- Strong technical writing, professional communication, problem-solving, organizational, and decision-making skills, with the ability to balance field priorities and longer-term engineering work.

Compensation

The anticipated salary range for this position will be between \$145,000 to \$170,000.

**Note: this employment opportunity is based on an actual current vacancy, not just for future consideration*

Why Coeur?

- Highly competitive base salary and a quarterly incentive program
- Extended health and dental benefits
- Short-term and long-term disability insurance benefits

- Defined matching contribution to a group registered retirement savings plan
- Company Share Units
- Annual Health Spending Account
- Camp, travel, and meals provided

We thank all applicants for their interest but will only contact candidates selected to advance in the hiring process. Coeur Mining does not accept resumes from employment placement agencies, head-hunters or recruitment suppliers that are not in a formal contractual arrangement with the Company. Any resume or other information received from a supplier not approved by Coeur Mining will be considered unsolicited and will not be considered.

Inclusion, Equal Opportunity, Accessibility

Coeur Mining is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veterans' status, Indigenous status or any other legally protected factors. Disability-related accommodations during the recruitment process are available upon request.

Additional Information

Visit our LinkedIn Career Page or follow us on [LinkedIn](#).