

Come Live Our Values

Sr. Engineer, Geotechnical, McArthur River, SK

Working with the McArthur River team, as a Senior Geotechnical Engineer you will be responsible for providing expertise and applying geotechnical principles to underground mine designs. Support of full geotechnical scope, from concept level to detailed design and construction, with the requirement to liaise with other technical staff and mine operations. This is a critical role in our mine engineering team. You will bring strong experience in geotechnical engineering design and analysis to this position. In support of these activities, you will be responsible to:

- We offer:**
- competitive pay
 - superior benefits
 - employee share ownership plan for all employees
 - Live Better wellness program

Cameco values diversity. In keeping with this principle and our employment equity goals, we particularly encourage qualified applicants from the designated equity groups to apply.

To explore this career opportunity, please visit:
[Career Opportunities:](#)
[Sr. Engineer, Geotechnical \(37489\)](#)
[\(sapsf.com\)](#)

Deadline for applications is May 24, 2022.

Please quote competition number 37489.

- Provide geotechnical leadership and mentoring of junior members of the Mine Engineering team
- Assist the Chief Mine Engineer with geotechnical reviews and risk assessments of the mine plans to ensure that mine layouts and mining sequence are optimized to reduce the risk to safety and production
- Oversee ground support and backfill designs/standards, and quality control programs
- Oversee design of underground drifts, chambers and stopes using analytical and numerical tools for stability analysis
- Lead geotechnical inspections of underground work areas, including geotechnical data collection (MPBX readings, closure stations) and testing (pull tests)
- Geotechnical applications, ranging from field mapping, geotechnical core logging, and rock mass characterization to rock stability assessment and ground support design
- Preparation of geotechnical reports and coordination of third-party audits and develop action plans to address recommendations
- Network with geotechnical staff from other Cameco operations and Corporate

Requirements of the position:

- Bachelor's degree in geological, geotechnical or mine engineering
- Ten or more years of relevant ground support engineering and design experience in an underground mining environment
- Solid understanding of rock mechanics
- You must be eligible for registration with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS)
- Significant field experience in geotechnical logging, mapping and rock mass characterization
- Skills in ground support design and 2D/3D geotechnical numerical modelling
- Proficiency with 3D mine design software (Vulcan)
- Strong written and verbal communication skills, including presentation skills, and technical writing
- Excellent organization and time management skills
- Ability to work independently as well as part of a team
- Work a rotational schedule and commute to site by aircraft

Assets:

- Experience in hydrogeology and backfill
 - Familiarity with geotechnical design software
 - Good working knowledge of AutoCAD, Excel, Access, PowerPoint
 - Project management experience
 - Familiarity with development and support methods for weak rock development and tunnelling
- Preference will be given to Residents of Saskatchewan's North.

