



Sr. Engineer, Mine (41358)
Location: McArthur River, SK

About Us

McArthur River, located in northern Saskatchewan, is the world's largest high-grade uranium mine. The uranium produced at McArthur River is used for nuclear fuel products, which utilities around the world rely on to generate safe, reliable, emissions-free nuclear power. Cameco is one of the largest global providers of the uranium fuel needed to power a secure energy future.

The Role

As part of the McArthur River team, you will contribute your mine engineering expertise to support operations in mining a challenging orebody. This role plays a key part in ensuring safe, efficient, and effective production through thoughtful planning and technical guidance. With safety as a core value, you will focus on delivering high-quality results while helping your team meet operational targets.

In this role, you will:

- Develop and maintain short and long term mine plans and schedules.
- Support ventilation design and monitoring to ensure safe working conditions.
- Contribute to ground control strategies and implementation.
- Conduct and oversee surveying activities to support production and development.
- Collaborate with cross-functional teams to address engineering challenges.
- Supervise and support a small team of technical staff, fostering collaboration and performance.
- Provide technical direction and guidance to ensure that production designs are adequate for the complex orebody.
- Promote a safety-first culture in all aspects of engineering and operations.

Required:

- Bachelor's degree in geological, geotechnical or mine engineering
- Seven to 12 years of progressive experience in hard rock and/or underground mine engineering
- Eligibility for registration with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS)
- Professional Engineer (P. Eng.) designation
- Demonstrated expertise in mine design software, particularly Deswik, with a strong background in drilling and blasting design. This includes experience reviewing and validating others' work, as well as training team members in effective drilling and blast design practices.
- Extensive experience with mine scheduling software, particularly Deswik, including the development of short-, medium-, and long-term schedules. Proven ability to train and support others in building effective and practical mine schedules.
- Demonstrated leadership experience managing technical teams and complex projects
- Strong communication and stakeholder engagement skills

- Work a rotational schedule and commute to site by aircraft

Recommended:

- Long hole mining experience, particularly in high-grade or challenging environments
- Ventilation experience with Ventilation on Demand (VOD) systems.

Conditions of Employment:

- Substance test

Cameco is proud to offer a competitive total reward package which includes:

- Competitive compensation program with base and variable pay
- Flexible health, drug, dental, and vision plan with a health spending and personal spending account
- Fixed benefits including employee and dependant life, AD&D, disability benefits and paid vacation leave
- Employee & Family Assistance Programs
- RRSP and RPP matching program
- Career development opportunities
- Relocation costs

Cameco is an employment equity employer and aims to achieve gender parity, and as such, preference will be given to qualified members of equity groups. We are strengthened by the diverse backgrounds of experiences and encourage applicants with various levels of expertise to apply, as equivalent combination of education and work experience are considered.

This position is eligible for the employee referral bonus.

Req ID #: 41358

Posted: September 25, 2025

Posting end date: October 16, 2025

Salary Range: \$142,000 - \$177,000

To explore this career opportunity, please visit

<https://career17.sapsf.com/sfcareer/jobreqcareer?jobId=41358&company=Cameco>