



Sr. Geologist/Engineer, Freeze Drilling (41771)

Location: Cigar Lake, SK

About Us

Cigar Lake, located in northern Saskatchewan, is the world's highest-grade uranium mine. The uranium produced at Cigar Lake 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

Reporting to the general supervisor, surface freeze drilling, the senior geologist or senior engineer, freeze drilling is responsible for leading a large-scale directional surface freeze drilling program from design of collar and hole to hole completion and as-built documentation. This position will oversee and supervise this department, working to ensure safe working conditions and that freeze drilling tasks are delivered in line with both department targets and relevant regulatory requirements concerning safety, environment, and radiation.

In this role, you will:

- Conduct regular quality control inspections to ensure work meets specifications and standards.
- Provide oversight and coordination with drilling contractor, ensuring that the drilling program progresses as planned and minimizing impacts to execution which might hamper the production and development schedule.
- Troubleshoot drilling activities and provide solutions to challenges as required.
- Assist with the sourcing and expediting of parts, materials, and technologies to ensure optimal program performance and alignment with safety, regulatory, cost, and production schedule targets.
- Reconcile contract costs and invoices, communicating with the drilling contractor as needed.
- Support departmental budget development, providing updates and monitoring to ensure costs are effectively accounted for and controlled.

Required:

- bachelor's degree in geological, geotechnical, or mine engineering or geology, or relevant work experience;
- five or more years of experience in the mining industry with a focus on diamond drilling, geotechnical, hole completion, or project lead roles;
- strong understanding of surface drilling activities including drilling additives and cements and drilling in adverse geological conditions;
- demonstrated leadership experience managing technical teams and complex projects;
- strong communication and stakeholder engagement skills; and

- work a rotational schedule and commute to site by aircraft.

Recommended:

- experience with SAP, SIGGA, Bentley, or similar software;
- proficiency in Microsoft Office/MS365 software;
- ability to design in VULCAN 3D modelling software; and
- familiarity with schematics and technical specifications related to diamond drilling in varied environments.

Conditions of Employment:

- pre-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 and Family Assistance Programs;
- RRSP and RPP matching program;
- career development opportunities; and
- relocation costs.

This position is eligible for the employee referral bonus.

Req ID #: 41772

Posted: 15 January 2026

Posting end date: 5 February 2026

Salary Range: \$142,380 - \$177,970

Safety Sensitive Site

Preference will be given to Residents of Saskatchewan's North (RSN).

The Cigar Lake operation is located in northern Saskatchewan and operates on a two week on/two week off rotational schedule. Employees commute to the site by aircraft from designated locations in Saskatchewan.

To explore this career opportunity, please visit

<https://career17.sapsf.com/sfcareer/jobreqcareer?jobId=41771&company=Cameco>