Job Title: Sr. Geologist, Freeze Drilling

Requisition ID **42740** - Posted - (Cigar Lake) - **Canada** - **Geology/Exploration**

Job Category: Geology/Exploration
Location: Cigar Lake
Work Contract: Reg Full-Time (K1)

At Cameco we understand the value of a diverse workforce and we embrace, encourage and support workplace inclusion and diversity. New ideas, perspectives, experiences, and expertise make Cameco stronger. We are committed to building a diverse workforce reflective of the communities we operate in. Our vision is to create a culture where inclusion is the goal, and a diverse and representative workforce is our measure of success. Cameco is committed to providing an inclusive selection process, free from systemic barriers. support employment equity and encourage all members of underrepresented groups (i.e., women, Indigenous peoples, persons with disabilities and members of racialized groups/visible minorities) to voluntarily disclose. Cameco welcomes applicants from all backgrounds, abilities, and experiences to apply.

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 Cigar Lake Surface Freeze Drilling General Supervisor, you will be responsible for leading a large-scale directional surface freeze drilling program from design of collar and hole to hole completion and as built. You will oversee and supervise a safe working environment to ensure that the freeze drilling tasks are delivered meeting safety, environment, radiation, and department targets and that these goals are achieved in accordance with codes, regulatory commitments and corporate policies.

In this role, you will:

- Conduct regular quality control inspections to ensure work meets specifications and standards.
- Oversight and interaction with drill contractor, and coordination to ensure the program is progressing as planned including oversight of directional drilling steering input to ensure drill targets are hit so that redrills, extra holes, and areas of diversion causing longer freeze time which impact the production schedule are minimized.
- Quickly troubleshoot and solution all aspects of safety, environment and drilling/completion in the field to ensure cycle time and schedule compliance

- Assist in sourcing and expediting parts, materials, and technologies to ensure drilling efficiency is optimized and remains on track to meet all safety, regulatory, cost and schedule targets.
- Reconciliation of contract costs and invoices, communicate with contactor for materials planning. Budget development, update and monitoring to ensure costs are accurately accounted for and controlled.
- Ability to build strong relationships with clients, team members and various site departments.

Required:

- bachelor's degree in geological, geotechnical or mine engineering or geology or relevant work experience;
- five years' experience in the mining industry, particularly in diamond drilling, geological technician, hole completions or project lead roles;
- equivalent combination of education and work experience considered;
- professional Engineer (P. Eng) or professional Geoscientist (P. Geo) designation;
- a strong understanding of surface drilling environment and techniques 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;
- proficient 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 various 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; and
- career development opportunities.

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 #**:** 42740
Posted: November 19, 2026
Posting end date: December 10, 2026
Salary: $148,070-$185,090

Safety Sensitive Site

Preference will be given to Residents of Saskatchewan's North (RSN).
The physical and psychological safety of our employees is a top priority at Cameco. We invite candidates to voluntarily disclose accommodation requirements, if contacted in relation to a job opportunity. Information received will be addressed confidentially and Cameco's Workplace Inclusion and Accommodation Program document is available upon request. Successful candidates for all positions that will work at Safety Sensitive Sites or Safety Sensitive Positions must take and pass a Substance Test, which includes marijuana, as a condition of employment. Marijuana remains in a user's system for about 30 days, so applicants who recently used marijuana recreationally should not expect to pass a substance test.