



## Geologist

### Education:

University of Saskatchewan, University of Regina

### High School:

Environmental Science 20, Earth Science 30, Biology 30, Chemistry 30, Mathematics 30, Calculus 30, Physics 30.

## CAREER PROFILE >>

### Geologist

**Name:** Levi Kalinsky, P. Geo., B. Sc.

**Home Community:** Iron River, AB

**Education:** Diploma Geological Technology, NAIT and BSc. (Hon) Geology, University of Saskatchewan

**Employer:** Cameco Corp.

**Details of the Job:** At Cigar Lake, the Mine Geologist's job is built around data collection and data management. We collect information by logging drill core and mapping rock faces underground when new development is occurring. The data collected is used to characterize different rock types, their chemical properties and physical characteristics. This is done to ensure underground development, and mining is done in a safe, efficient and profitable manner. At Cigar Lake we mine uranium ore using a Jet Boring System (JBS). The JBS uses high pressure water to jet cavities in the ore bearing rock. The ore is then piped in slurry form to the mill underground. Cigar Lake is the only mine in the world that is using this technology to mine.

**A Typical Day:** Core logging, underground mapping, tunneling oversight, probing drill holes, steering the drills, and database management/QAQC.

**Why Geology?** I initially chose geology because I had an interest in the Sciences. The traveling and shift work Geologists often do also appealed to me. At my past jobs getting to work might involve hiking, boating, and even taking helicopter rides to remote locations to explore for the next big find! Over the last 12 years I have worked on a Copper project in Northern BC, a Gold project in Northern Saskatchewan, Rare Earth Mineral projects in Labrador and Uranium projects in Northern Saskatchewan.

**Skills Needed:** Adaptability, Critical thinking, Good problem-solving skills, Good communication and interpersonal skills.

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