

Ready to build a rewarding career in an industry that is growing?**Who We Are**

We are a global mining company dedicated to safely delivering nickel, copper, cobalt, and platinum group metals essential for the world's energy transition.

Our mission is to improve lives and shape a better future together.

From utensils to cellphones to satellites, our operations simplify daily life and enhance connectivity. Our metals are integral to life-saving medical equipment and the electric vehicles driving the fight against climate change – our work truly matters.

Join our diverse team of 15,000 talented individuals committed to transforming critical minerals into prosperity and sustainable development in countries like Canada, Brazil, Indonesia, the United Kingdom, and Japan. We invite you to use your skills with us and contribute to something meaningful and enduring.

The Opportunity

We are currently seeking a **Senior Engineer, Ground Control** to join our **Mines Technical Services** team at **Garson Mine** in Sudbury. This is a permanent position.

As a Senior Engineer, Ground Control, you will support the execution of the Ground Control Program and Seismic Risk Management Plans at Vale's Garson Mine. This role oversees all aspects of ground control duties at our underground operations. The role holder works with an effective ground control team, including Ground Control Engineers, Mine Technician/Technologists and/or Engineers in Training, to provide Ground Control Services to the mine operations.

Additionally, in this position you will:

- Recommend actions to ensure that the safety and stability of mine excavations are maintained with respect to geotechnical standards, Vale's policies, and legislated requirements.
- Update the Mine Design Package on an annual basis with inputs from various departments at a mine site.
- Provide day-to-day technical support and coordination for managing the site-specific Ground Control and Seismic Risk Management Programs and work closely with the technical execution teams at the mine sites.
- Assist at the mine operation to conduct geo-mechanical risk assessment of the annual mine execution plans to ensure that mining sequence and mine layouts are optimized to reduce the risk to safety and production.
- Accountable for stewardship of ore reserve and life of mine plan, develop and recommend mining plans, ground support systems and development plans.
- Knowledge of Rock Mechanics modeling software (MAP3D, Rocscience programs).
- Contribute to the implementation of new systems/processes and continuous improvement initiatives.
- Provide performance feedback to team members, mentor team, lead and ensure safe production behaviors are exhibited, and take corrective action when necessary to address noncompliance.
- Provide technical assistance with ground stability issues as required.

About You**Education:**

- Undergraduate degree in Mining Engineering.
- Related undergraduate degrees in Civil and Geotechnical Engineering will be considered.
- A Master's degree in a related field is considered an asset.
- Professional Engineer designation (P.Eng.) required.

Experience:

- A minimum of 8 years of relevant experience
- Professional Engineer designation in Ontario or eligible to obtain it.

Skills:

- Knowledge of mining standards and guidance documents.
- Underground mine design, mining technology, and high level of understanding of underground mining activities.
- Knowledge of engineering planning software (Deswik).
- Familiarity with geotechnical assessment methods relating to the assessment of rock mass quality, and the design of underground excavations.
- An understanding of seismic management tools and seismic monitoring techniques.
- Familiarity with seismic monitoring software such as mXrap or those provided by ESG and IMS is an asset.
- Strong people leadership skills, including mentoring and coaching skills.
- Strategic thinking and effective decision making.
- Ground control instrumentation knowledge.
- Change management skills and openness to learning and sharing new insights.
- Building relationships, collaboration, and teamwork.
- Drive for sustainable results with a strong focus on continuous improvement.

What We Offer You

- Competitive compensation including a variable annual incentive plan
- Participation in a competitive Defined Contribution Pension package
- Comprehensive benefits package (company paid core coverage, health and dental coverage, flex accounts, disability plans and optional insurances)
- Leave for all of life's reasons (vacation, personal, sick, parental)
- Work culture dedicated to safety, diversity & inclusion, and career growth
- Employee Family Assistance Program
- Virtual Healthcare online
- Online Training and career development opportunities

Why Sudbury

Greater Sudbury is a vibrant city in northeastern Ontario, renowned for its rich mining history and significant role in Canada's mineral production. The city sits atop one of the world's largest and oldest meteorite impact sites, the Sudbury Basin, which is exceptionally rich in nickel, copper, and other critical minerals that are needed for the green economy. The mining sector is a cornerstone of Sudbury's economy, driving both employment and economic growth, and Vale Base Metals plays a pivotal role in this regard. Our commitment to the community is as deep as our mines.

Include to Transform

At Vale Base Metals, we are committed to ensuring an inclusive work environment where people feel comfortable to be themselves. Vale encourages everyone to express their ideas and opinions and values the plurality of individual profiles. We want our people to feel that all voices are heard, all cultures respected and that a variety of perspectives are not only welcome – they are critical to our success. We treat each other fairly and with dignity regardless of race, gender, nationality, ethnic origin, religion, age, sexual orientation, or any other personal consideration that makes us different.

Vale is an equal opportunity employer seeking to increase diversity across our operations and improve equal opportunity at Vale and in the mining industry.

In accordance with the Accessibility for Ontarians with Disabilities Act, accommodation is available throughout our recruitment process for applicants with disabilities.

Pay Grade: F5T

Apply by: December 19, 2025

#ValeBaseMetals