

## **SENIOR MINING ENGINEER – UNDERGROUND STUDIES**

### **About Ivanhoe Electric Inc.**

We are a U.S. company that combines advanced mineral exploration technologies with electric metals exploration projects predominantly located in the United States. We use our accurate and powerful Typhoon™ geophysical surveying system, together with advanced data analytics provided by our subsidiary, Computational Geosciences Inc., to accelerate and de-risk the mineral exploration process as we seek to discover new deposits of critical metals that may otherwise be undetectable by traditional exploration technologies. We believe the United States is significantly underexplored and has the potential to yield major new discoveries of critical metals. Our mineral exploration efforts focus on copper as well as other metals including nickel, vanadium, cobalt, platinum group elements, gold and silver. Through the advancement of our portfolio of electric metals exploration projects, headlined by the Santa Cruz Copper Project in Arizona and the Tintic Copper-Gold Project in Utah, as well as other exploration projects in the United States, we intend to support United States supply chain independence by finding and delivering the critical metals necessary for the electrification of the economy. We also operate a 50/50 joint venture with Saudi Arabian Mining Company Ma'aden to explore for minerals on ~48,500 km<sup>2</sup> of underexplored Arabian Shield in the Kingdom of Saudi Arabia.

### **Duties and Responsibilities:**

- Provide ongoing technical support for mining studies (Pre-feasibility and Feasibility).
- Conduct mine planning and design, trade-off studies.
- Support mine optimization and mine economics modelling.
- Design mine infrastructure including ventilation, dewatering and backfill systems.
- First principles and benchmark cost estimating (CapEx and OpEx).
- Equipment selection.
- Engagement with site teams on various MRMR best practices and standards
- Undertaking Mineral Reserve estimates using 3D computer methodologies for projects at various stages of development in accordance with international best practices.
- Demonstrate awareness and commitment to health, community and environmental protection and takes action to ensure that unsafe practices or noncompliant behaviours do not occur.
- Inform, involve, and engage key internal and external stakeholders appropriately.
- Manage contractors and sub-contractors on projects (as required).

### **Skills and Experience Required:**

- Degree in Mining Engineering or related field.
- Minimum of 5 years of operational underground hard rock mining / engineering / planning experience.
- Proficiency with Deswik planning software, and capable of utilizing industry knowledge to develop mine designs and production plans.

- Strong understanding of geology, geotechnical engineering, and ore body characterization.
- Authorization to work lawfully in USA is required.
- Knowledge of industry standards in mineral resource and mineral reserve estimation and compliance with public disclosure regulations.
- Strong verbal and written communication skills with demonstrated experience in writing RFP, technical reports, and general project correspondence.

**Diversity Statements:**

Ivanhoe Electric is an equal opportunity employer that recognizes the value of a diverse workforce. All suitably qualified applicants will receive consideration for employment on the basis of objective criteria and without regard to the following (which is a non-exhaustive list): race, color, age, religion, gender, national origin, disability, sexual orientation, gender identity, or other characteristics in accordance with the relevant governing laws.

The Company offers an excellent working environment, competitive compensation and employee benefits package. Please forward your resume, cover letter with salary expectations, and references, to Human Resources at [humanresources@ivanhoeelectric.com](mailto:humanresources@ivanhoeelectric.com)

