



## **Senior/Project Geophysicist**

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

Ivanhoe Electric is an American technology and mineral exploration company that is re-inventing mining for the electrification of everything by combining advanced mineral exploration technologies, renewable energy storage solutions and electric metals projects predominantly located in the United States. Ivanhoe Electric uses its Typhoon™ transmitter, an accurate and powerful geophysical survey system, together with advanced data analytics provided by its subsidiary, Computational Geosciences, to accelerate and de-risk the mineral exploration process as well as to potentially discover deposits of critical metals that may otherwise be undetectable by traditional exploration technologies. Through its controlling interest in VRB Energy, Ivanhoe Electric also develops and manufactures advanced grid-scale vanadium redox battery storage systems. Finally, through advancing its portfolio of electric metals projects located primarily in the United States, headlined by the Santa Cruz Copper Project in Arizona and the Tintic Copper-Gold Project in Utah, as well as projects in Montana, Oregon and North Carolina, Ivanhoe Electric is also well positioned to support American supply chain independence by delivering the critical metals necessary for electrification of the economy.

Ivanhoe Electric has recently engaged with Sociedad Química y Minera de Chile (SQM) in a collaboration and exploration agreement to explore prospective caliche-covered mining concessions on major copper belts in northern Chile. We are searching for a discovery-driven Contract Senior to Project level Geophysicist(s) to drive our Typhoon exploration program in the region.

### **Duties and Responsibilities:**

- Ensure the successful completion of Typhoon geophysical programs in a cost-efficient manner within an approved budget, consistent with high standards of exploration best practice.
- Maintain high safety operating standards, including subcontractors.
- Assist with Typhoon DCIP data QA/QC, inversion and interpretation.
- Proactively communicate with other company geoscientists, local technical staff and management on a regular basis to report geophysical results.
- Provide training to field staff on geophysical subjects and survey methodologies as required.
- With the assistance of the Vice President, Geophysics, develop, maintain, and apply any specific industry-leading skills (knowledge, software, etc.) for the benefit of the Company's exploration efforts.

**Skills and Experience Required:**

- Demonstrated technical experience in geophysics and geophysical techniques.
- Experience with Induced Polarity and Galvanic Resistivity data acquisition. Experience with other geophysical survey techniques is desirable.
- Sound knowledge of processing methodologies and the presentation of geophysical data in 2D and 3D using Oasis Montaj and other specialist software.
- Experience with ArcGIS, UBC/simpeg inversion codes and Seequent software is desirable.
- Sound understanding of the geological processes driving mineralised systems and the formation of mineral deposits. Working knowledge of at least one major ore deposit type (Porphyry Copper or Manto-type copper deposits) and exploration methods applicable to that type.
- Proven ability to work independently and unsupervised.
- Leadership of remote and culturally diverse workforces.
- Sound risk assessment and safety management experience.

**Qualifications:**

- Minimum BSc in Geophysics or related discipline and 5-15 years industry experience. Relevant post-graduate studies may also count towards industry experience.
- Eligible to work in Chile.

**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, colour, 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 [hrrservices@ivancorp.com](mailto:hrrservices@ivancorp.com).

