



## **Geotechnician**

**Report to:** Tim Howell

**Department:** Exploration

**Location:** Hog Heaven

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

We are a United States-domiciled minerals exploration company with a focus on developing mines from mineral deposits principally located in the United States. We seek to support American supply chain independence by finding and delivering copper and other critical metals vital to advanced manufacturing, infrastructure development, technology, and national security. We use our powerful Typhoon™ geophysical surveying system, together with advanced data analytics provided by our 94.3% owned subsidiary, Computational Geosciences Inc. ("CGI"), 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, cobalt, platinum group elements, gold, and silver. Through the advancement of our portfolio of critical metals exploration projects, headlined by the Santa Cruz Copper Project in Arizona, we intend to contribute to domestic supply by developing resources that support industrial and strategic sectors. We also operate a 50/50 joint venture with Saudi Arabian Mining Company ("Maaden") to explore for minerals on ~48,500 km<sup>2</sup> of underexplored Arabian Shield in Saudi Arabia. Finally, in 2024, we established an exploration alliance with BHP Mineral Resources Inc. ("BHP"), a subsidiary of BHP Group Limited, to search for critical minerals in the United States.

### **Duties and Responsibilities:**

- Understand and maintain compliance with all company standards, policies, and procedures, including, but not limited to, safety, drugs, alcohol, environmental, confidentiality, and code of conduct.
- Understand and maintain compliance with the prescribed work schedule and described duties to ensure consistent reliability towards the company, the team personnel, and the work programs.
- Apply and maintain an open, respectful, and collaborative mindset to both learn and develop with peers and management to understand and perform duties to the highest safety and technical standards.
- Apply and maintain excellent respect and communication with peers and management to ensure proper appraisal with regard to scheduling, tasks, safety, and company policies.

**Skills and Experience Required:**

- Perform various core preparation tasks, including but not limited to unit conversions, basic quality control, core piecing, core washing, meter marking, and sample tagging.
- Perform various workflow tasks, including but not limited to core photography, core splitting and sawing, and core sampling.
- Perform or assist with various basic scientific data analyses, including but not limited to specific gravity and magnetic susceptibility measurements.
- Perform or assist with various field tasks, including but not limited to drill pad delineation, drill pad staking, field escort, or other field-related tasks as needed or instructed.
- Maintain a collaborative relationship with the managerial, geological, and operations teams to optimize and advance the interdepartmental workflow.
- Perform and/or assist with the organization, staging, and/or storage of various materials, including palletized core boxes, equipment, supplies, etc.
- Perform and/or assist the technical team with the organization, staging, or storage of various materials in support of various technical tasks, presentations, visitor tours, etc.
- Perform and/or assist with other miscellaneous technical or organizational tasks as needed or instructed.

**Qualifications: (note some job postings may not require this section)**

- Ability to obtain and maintain a valid United States driver's license; must be able to perform long-distance driving.
- Ability to work in a fast-paced and dynamic environment.
- Ability to lift and carry up to 60 pounds on a regular basis.
- Ability to regularly work outdoors for 8+ hours in extreme weather conditions, including extreme heat and cold, and in remote areas.
- Ability to learn and apply best-practice professionalism, ethics, and industry work and safety standards.

**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 a professional and entrepreneurial office environment and the opportunity to work and grow with talented colleagues. The Company offers a 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).

