

## **Intermediate Hydrogeologist – Mining**

Location: Johannesburg, South Africa

Piteau Associates, a Tetra Tech company, is a world-renowned consulting firm that offers a full range of geotechnical, hydrogeological, and mine water management investigation and design services to the resource industry. With over 40 years of service, the company currently has over 150 employees in 11 offices in Canada, USA, Peru, Chile, UK, and South Africa. With a strong dedication to quality and maintaining long-term relationships with our clients, we are one of the top mining geotechnical and hydrogeology consulting firms specializing in the design of deep open pit mines worldwide.

Piteau Associates is going through an exciting phase of growth with the addition of over 50 employees in our Geotechnical and Water Management groups in the last few years. To keep up with this growth, we are expanding our geotechnical group capabilities with highly respected industry leaders in our operations in Canada. Based on this growth we are looking to hire **Intermediate Hydrogeologists** to join our Mine Water Management team in our Johannesburg, South Africa office – working on projects throughout Europe and Africa.

### **Skills and Responsibilities:**

This position offers the opportunity for professional growth and skill development in:

- Fieldwork related to installation of groundwater and surface water monitoring networks, water quality sampling, pumping well installation and running of pumping tests;
- Groundwater / hydrogeological investigations to support mining projects;
- Design of dewatering and depressurisation systems for operational open pit and underground mines;
- Groundwater component of NEPA analysis (EIA/EIS) for proposed mines;
- Assessment and mitigation of potential environmental impacts for mining operations;
- Groundwater assessments and permitting support for water supply, dewatering and waste water disposal programs,
- Groundwater monitoring program development, implementation and support for regulatory compliance programs;
- Seepage evaluation from tailings and mine waste storage facilities; and
- Numerical and analytical modelling of groundwater flow and contaminant transport.

### **Qualifications:**

- Minimum BSc (Hons) degree in hydrogeology/geohydrology or geology from a recognized university, MSc preferred.
- Minimum 3 years full-time experience working as a hydrogeologist with exposure to mining projects in a consulting environment.
- Minimum registration as a Candidate Natural Scientist (Cand.Sci.Nat.), with eligibility for registration as a Professional Natural Scientist (Pr.Sci.Nat.) on completion of the requisite experience.
- Strong work experience in field-based investigations in physical hydrogeology, and hydrogeological assessments including drilling and aquifer testing supervision.
- Competency in soil and rock sampling and geological soil and core logging, drilling, test pitting, well and piezometer installations, water quality sampling, and hydraulic response tests (e.g. slug, pumping, and packer testing)
- Experience with industry-standard commercial computer software including Microsoft Excel and Access, ArcGIS, and various groundwater analysis and modeling software (e.g., AquiferTest, Seep/W, and MODFLOW)
- Enthusiasm to learn and take on challenging assignments.
- Excellent written and verbal communication skills in English.
- Mobility and willingness to undertake international assignments, prospectively across all continents.
- Practical experience in the minerals sector or additional languages would be beneficial.

## Why Join Piteau?

- Exciting career development opportunities, including mentoring by world-class practice leaders
- Cutting edge resources
- Ability to see projects from cradle to grave
- Engaging corporate culture based on innovation, collaboration, and integrity
- Excellent compensation and comprehensive benefits package

## **Applications**

If you are interested in exploring the potential for a challenging and rewarding career with Piteau, **please submit a cover letter and resume as a single PDF document to [careers@piteau.com](mailto:careers@piteau.com)**. We thank all applicants for their interest, however, only those candidates selected for interviews will be contacted.

## **Additional Information**

A requirement of working for Piteau (Tetra Tech) is that you are at least 18 years of age and legally entitled to work in the South Africa without sponsorship (a copy of a valid work permit may be required).

To meet the physical demands required of some positions, candidates must be in good physical condition and willing to work in all weather conditions. Clearance on pre-placement medical and drug and alcohol testing may be required. As this position may be serving clients that have COVID-19 vaccination requirements for site access, we will be confirming your eligibility to comply with this requirement.

## **Apply Now!**

We offer a great place to work, and an engaging culture that is based on innovation, collaboration, and integrity. Our compensation plan includes a competitive annual salary and excellent opportunities for growth and advancement.

## About Tetra Tech:

Tetra Tech combines the resources of a global, multibillion-dollar company with local, client-focused delivery in more than 400 locations around the world. Our reputation rests on the technical expertise and dedication of our employees — 21,000 associates working together to provide smart, scalable solutions for challenging projects. We are proud to be home to leading technical experts in water, environment, infrastructure, resource management, energy, and international development.

Tetra Tech is proud to be an Equal Opportunity Employer. Diversity, inclusion, and equity are among Tetra Tech's core values. Throughout our history, the company has prioritized equitable inclusion of all people. All qualified candidates will be considered without regard to race, color, religion, national origin, military or veteran status, gender, age, disabilities, sexual orientation, gender identity, pregnancy and pregnancy-related conditions, genetic information and any other characteristics protected by the law. We invite resumes from all interested parties. Please visit our website at [www.tetratech.com](http://www.tetratech.com) to see the array of diverse services and exciting projects we are currently working on.

We thank all applicants for their interest, however, only those candidates selected for interviews will be contacted.

Please no phone calls or agencies.

Job Reference Code: IHSA22