

Junior Hydrogeologist

HCL has been a leading service provider in the field of hydrogeology since 1969. Our team of hydrogeologists and technologists has extensive training and experience in instrumentation, computer modelling, and data analysis and interpretation. Since its inception, **HCL** has created and implemented thousands of comprehensive groundwater and surface water solutions throughout western Canada. From groundwater licensing to water source management, **HCL** also offers all-inclusive compliance monitoring programs, utilizing innovative technology to efficiently address the needs of industrial, agricultural, and municipal water supply development.

Position Overview

The individual filling this position will gain practical field and data management experience, learning from junior, intermediate, and senior staff. The **Junior Hydrogeologist** will assist in collecting, processing, and managing hydrogeological data; assist in all aspects of water well testing, and groundwater and surface water monitoring field work; study and document quantities, distribution, disposition, and development of groundwater; and assist in preparing hydrogeological reports for clients, with the goal of completing client reports from initial contact to delivery of completed report to the client. This individual will represent the company in a courteous and professional manner at all times; good verbal communication is an essential part of relationships with landowners and contractors. **At times this position will require working in the field with shifts varying from approximately 5 to 10 days in length, with short breaks in between.**

Essential Duties and Responsibilities

- Conduct supervised field work as required; may involve extended periods in the field, including evenings, weekends, and statutory holidays
- Assist with groundwater monitoring equipment installation, groundwater and surface water sampling, aquifer testing, and field-verified water well surveys, etc.
- Assist with the collection and processing of hydrogeological data
- Assist with maintaining the groundwater monitoring equipment management system
- Maintain field equipment and general housekeeping in shop area
- Prepare maps, appendices, and reports for various hydrogeological studies
- Complete hydrogeological studies in support of groundwater diversion applications under the *Water Act*
- Assist in the preparation of reports comparing hydrogeological data collected from domestic water wells before and after ground disturbance activities (the drilling of hydrocarbon wells, etc.) on nearby lands

Qualifications

- Graduate of, or currently enrolled in, a Geology or Earth and Atmospheric Sciences program at an accredited post-secondary institution*
- Registered or eligible for registration with Association of Professional Engineers and Geoscientists of Alberta (APEGA)*
- CSO; H₂S Alive; Standard First Aid and CPR with AED; TDG; WHMIS – required (can be obtained once employment begins)
- Strong math skills
- Strong verbal and written communication skills (English)
- Familiarity with Microsoft Office Word and Excel – required
- Interest in developing technical skills through both internal and external training
- Conviction to improve personally and support continuous improvement in the company
- Able to work independently and take initiative
- High level of personal integrity and a strong work ethic
- Valid non-GDL Class 5 Alberta driver's licence
- Able to successfully pass pre-access drug and alcohol screening
- Legally permitted to work in Canada*

Assets

- Completion of hydrogeology courses*
- One to two years of related experience and/or training (oilfield, wellsite, groundwater, environmental, stream gauging, etc.)
- Familiarity with Microsoft Access, SQL, or other databases
- Familiarity with Esri ArcView / ArcGIS
- Familiarity with Microsoft PowerPoint

*** Proof of education, APEGA registration, and eligibility to work in Canada must be provided if requested.**

Work Conditions

- Manual dexterity required to use desktop computer and peripherals
- Ability to attend and conduct presentations
- Travel and field work required (25% to 75% – will vary by season and workload)
- Working overtime, evenings, weekends, and/or statutory holidays may be required
- Lifting and/or carrying up to 100 lbs / 45 kg
- May be exposed to hazards associated with field work
- Will be required to wear personal protective equipment as applicable
- Must be able to meet the company's and clients' safety requirements

Work Environment

- Job duties carried out primarily in the Edmonton office, with field work to be done as needed

Other Skills/Abilities

- A positive, collaborative, and safety-minded attitude is essential; the **Junior Hydrogeologist** will be working closely with and supervised by experienced Hydrogeologists and Hydrogeological Technologists , and will be expected to work cooperatively toward a common goal
- Willing to learn, take initiative, and help to get the job done

Salary is commensurate to experience. We offer a competitive benefits package to all our employees which may be detailed during the interview process.

If you are interested in pursuing a career with **HCL**, please forward your résumé in CONFIDENCE to careers@hcl.ca. Please include telephone and e-mail contact information, along with full work experience, education, and references in your submission.

We would like to thank all applicants for your interest in **HCL**. To ensure that the recruitment process for the **Junior Hydrogeologist** position runs as smoothly and as quickly as possible, it is our policy to only contact successful candidates during the application stage.

NOTE: This position description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.