

Intermediate 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

Under the direction of the Principal and Senior Hydrogeologists, the **Intermediate Hydrogeologist** will primarily be responsible for completing hydrogeological-based projects, overseeing the work of junior technical staff, and liaising with clients on an ongoing basis. The individual filling this position will analyze and interpret hydrogeological data to develop maps, appendices, reports, and presentations, and oversee and/or conduct field work as necessary. This individual will represent the company in a courteous and professional manner at all times. **At times this position may 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

- Organize and oversee the collection of hydrogeological data
- Analyze and interpret hydrogeological data
- Evaluate data and provide recommendations regarding the feasibility of proposed projects, including budgeting
- Prepare maps, appendices, stratigraphic correlations, structural cross-sections, and reports for various hydrogeological studies
- Complete hydrogeological studies in support of groundwater diversion applications under the *Water Act*
- Study and analyze the physical aspects of the earth in terms of the hydrogeological components
- Assist with the training of junior technical staff
- Oversee and/or conduct field work as required
- Comply with company policy and procedures, including occupational health and safety policies
- Other duties as assigned

Qualifications

- Bachelor's degree* or better in Geosciences or Engineering
- Registered or eligible to be a professional member with Association of Professional Engineers and Geoscientists of Alberta (APEGA)*
- Minimum of 5 years' experience in the private sector

Qualifications (cont.)

- CSO; H₂S Alive; Standard First Aid and CPR with AED; TDG; WHMIS – required (can be obtained once employment begins)
- Strong knowledge of the principles and methods used in hydrogeological analyses
- Strong math skills
- Familiarity with Microsoft Office Word and Excel – required
- Able to research and analyze information and draw valid conclusions
- Able to prepare and adhere to realistic budgets for a variety of project types
- Excellent planning and organizational skills
- Strong verbal and written communication skills (English)
- Sound technical background (hands-on) with logical deductive reasoning approach
- 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
- Professional, mature demeanor under stressful situations
- Valid non-GCL Class 5 Alberta driver's licence
- Able to successfully pass pre-access drug and alcohol screening
- Legally permitted to work in Canada*

Assets

- Master's degree* in Geosciences or Engineering
- Previous project management experience
- Previous field experience (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, professional membership/designation, 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
- Some travel and field work required (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

Work Conditions (cont.)

- 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 **Intermediate 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 of 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 **Intermediate 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.