Intermediate Hydrogeologist
Markham, ON

At EXP, we're driven to provide innovative solutions for the world's built and natural environments. As a team of engineers, architects, designers, scientists, creators and a community of professionals, we bring diverse and talented people together to solve the world's most complex challenges. Here, you join a team that leverages differences, harnesses their entrepreneurial spirit in an employee-owned company, that believes diversity is what gives us strength, seeks sustainable results and shares ambitions for each other, our clients and the communities we are part of and serve. To be a part of EXP means to have your own experience, while staying connected to a global network of professionals, who believe we are a part of something bigger. Together, we are EXP.

Are you ready to design your future?

Be our next **Intermediate Hydrogeologist!**
Your work environment at EXP

In this role, you will be a part of the Hydrogeology Group -Environmental Services team, based in **the Markham, ON** office.

What a day at EXP has in store for you

- The successful candidate will play a key role in supporting senior professionals in a wide variety of physical hydrogeology projects.
- Work as part of an interdisciplinary field and office project team to achieve hydrogeological project objectives for various sites.
- Participate in contaminant hydrogeology projects.
- Plan, coordinate and conduct investigation programs including drilling, test pitting, and installation of monitoring / test wells.
- Map and interpret surficial geology and hydrogeology features.
- Work will include dewatering projects, well testing, environmental impact assessments, hydrogeological assessments, water supply work and groundwater modeling.
- Design and implement field investigations including groundwater investigations, water sampling, slug/bail and pumping tests, groundwater/surface water sampling.

- Design and conduct field programs to map hydrogeological features, geological logging, and installation of groundwater /surface water instrumentation.
- Ensure compliance with Standard Operating Procedures (SOPs) and applicable Regulations, Standards, and Guidelines
- Work on multiple projects, to support execution of scope/budget/schedule to meet client expectations
- Work collaboratively and communicate effectively with the project team
- Data analysis, compilation and evaluation of hydraulic test results, interpretation of groundwater chemical results, and reporting.
- Working knowledge of applicable environmental laws in the Province of Ontario is required.

What your experience looks like

- Bachelor's degree in Earth Sciences, Geological or Environmental Engineering is essential. A Master's degree in Hydrogeology is preferred.
- A minimum of 5 years of practical experience in hydrogeology.
- Consulting experience is a definite asset.
- Diverse experience in hydrogeological field work should include surface and groundwater monitoring and sampling procedures, drilling and installation of observation wells in bedrock and overburden, taking sampling notes, preparing boring logs, conducting and analyzing permeability and pumping tests.
- Strong written and verbal communication skills are required. The ability to write professional technical reports is paramount.
- Familiarity with common groundwater and other relevant software will be a plus (eg: MODFLOW, AquiferTest, ArcGIS, AutoCAD, and ACCESS). Experience in numerical modeling of hydrogeological problems using a range of groundwater modeling tools is an asset.
- A valid driver's license with own vehicle and ability travel throughout GTA and Ontario on an occasional basis is required.
- Detail-oriented and ability to work independently in the office and in the field.
- Positive attitude, teamwork and problem-solving skills are essential.
- Previous project coordination/management experience is preferred.
- Eligible for registration with APGO or PEO. For ideal candidate having a P.Geo. designation is preferable.

Job Link: Intermediate Hydrogeologist - EXP Careers (oraclecloud.com)