

Junior Field Technologist

Paterson Group Inc. – Mississauga, ON

Paterson Group, one of Canada's oldest geotechnical engineering consulting firms, is recognized for expertise in geotechnical engineering, environmental engineering, hydrogeology, materials testing, noise, and vibration studies, structural engineering and building science engineering. Customer service is our first priority. We provide professional services based on technological expertise, interactive project management, a wealth of local knowledge, and creative solutions.

Paterson Group's client base includes major developers, building owners, property management firms, condominium properties, and many other public and private housing and commercial building groups.

Paterson Group offers the opportunity of a rewarding career at a highly successful consulting firm. You will be part of an engaging team of engineers and technologists working on exciting and challenging projects in a culture of continuous learning and collaboration.

Our Mississauga office has an opening for a full-time Junior Field Technologist. The successful candidate will support a variety of field and inspection programs related to environmental, hydrogeological, and geotechnical engineering. This is an excellent opportunity to gain hands-on experience in fieldwork, inspections, and technical reporting within a dynamic and collaborative environment. We are looking for the best and the brightest candidate to fill this role; the reward is a competitive salary (reviewed annually) and benefits package. We also contribute to RRSP's, group employee benefits, and organize extracurricular social events along with several other perks.

This role involves a diverse range of responsibilities that span multiple divisions within the organization, including geotechnical, environmental, construction inspection, and hydrogeological services. Some of the duties and responsibilities for this position will include:

Field Investigations & Environmental Sampling

- Conduct groundwater measurement and sampling programs.
- Perform hydrogeological field investigations including soil identification, test pitting, and surveying using total station or GPS equipment.
- Carry out surface water sampling, baseline water well sample collection, and inspection of private water and wastewater systems.

Construction Oversight & Site Inspections

- Supervise drilling and test pit contractors on active sites.
- Conduct on-site inspections for:
 - Waterproofing and foundation drainage installations
 - Slope stability and bedrock stabilization
 - Retaining wall and shoring system construction
 - Rock grout anchor testing (pull testing)
 - Failure investigations

Field Testing & Quality Control

- Occasionally provide field testing services including:
 - Compaction and concrete testing
 - Crack monitoring, lok testing, and thermocouple installation

- Flatness testing and road construction reviews
- Coring of rigid materials

Technical Documentation & Support

- Review and interpret construction drawings and specifications to support design and inspection tasks.
- Prepare clear and concise technical memorandums and field reports for project managers and clients.
- Learn and implement effective task organization based on project workflow, priorities, and deadlines.

Job Requirements:

Education & Experience

- University or College degree in Civil, Geotechnical, or Environmental Engineering (or a related field).
- 2+ years of experience in a similar role within the construction industry.
- Experience working on housing, commercial, municipal, and/or provincial development projects.

Technical Skills & Knowledge

- Strong understanding of soil inspections and bearing capacity evaluations.
- Solid knowledge of road construction practices and standards.
- Familiar with reviewing and interpreting construction drawings.
- Comfortable working with technical standards and codes such as ASTM, LS, CSA, and OPSS.
- Able to read, interpret, and follow technical work instructions accurately and safely.

Project & Time Management

- Proven ability to manage and coordinate multiple projects in a fast-paced, professional environment.
- Strong organizational skills with excellent time management and attention to detail.

Communication & Interpersonal Skills

- Excellent verbal and written communication skills.
- Exceptional report writing and documentation abilities.
- Demonstrated ability to work both independently and collaboratively within a team.
- Able to interact professionally and tactfully with clients, contractors, and colleagues.

Other Requirements

- Willingness to work in a business-competitive and dynamic field environment.
- Valid Ontario driver's license and access to a vehicle with valid registration and insurance.

Start date: ASAP (negotiable)

Benefits:

- Competitive compensation package.
- Group RRSP offered after 3 months of employment. The company will match the employees' contributions up to 5%.

- Group Insurance coverage for medical, dental, life insurance, long and short-term disability. Eligibility upon completion of three (3) months of employment. Individual costs for each plan member are shared equally by the employee and the company.
- Welcoming and supportive work environment with numerous social events including staff lunches, team BBQs, Family picnics, Holiday party and so much more.

Physical Requirements:

Field work may include exposure to the elements including inclement weather. Ability to occasionally lift and move items and equipment up to 50 lbs. The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

How to apply:

If you are passionate about engineering and eager to contribute to a company that values innovation and excellence, we encourage you to apply. Candidates can apply through Indeed or by sending their resume to hr@patersongroup.ca We appreciate the interest and efforts of all applicants; however, only those short-listed as candidates will be contacted.

Paterson Group Inc welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.

For more information on our company, please visit: <https://patersongroup.ca/>

Job Type: Full-time

Pay: From \$27.00-\$33.00 per hour

Additional pay:

- Overtime pay

Benefits:

- Company events
- Dental care
- Disability insurance
- Employee assistance program
- Extended health care
- Life insurance
- On-site parking
- Paid time off
- RRSP match
- Vision care

Schedule:

- Monday to Friday
- Weekends as needed

Work Location: In person