

Senior Geotechnical Engineer

Paterson Group Inc. – Ottawa, ON

Paterson Group, one of Canada's oldest geotechnical engineering consulting firms, is recognized for our expertise in geotechnical engineering, environmental engineering, hydrogeology, materials testing, rural development design, temporary shoring wall design, noise and vibration studies and building sciences. 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 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.

The Ottawa office has an immediate opening for a full-time Senior Geotechnical Engineer. We are looking for the best and the brightest candidate to fill this role; the reward is a competitive compensation package including a performance bonus system, health benefits, and RRSP matching, as well as company events and several other perks.

The ideal candidate for this dynamic and challenging role should be capable of the following:

- Perform a variety of Geotechnical engineering work from the initial planning of a field investigation to preparation of a geotechnical report and providing consultation during the construction phase;
- Complete geotechnical design recommendations and analysis based on test hole and laboratory testing data engineering and analysis and carry out senior review of geotechnical design and analyses;
- Plan and conduct work requiring judgment in independent evaluation, selection, and adaptation of engineering techniques, procedures, and criteria;
- Provide technical guidance to intermediate to junior engineers and designers/drafters;
- Carry out variety of soil mechanics analyses and design including permissible grade raise calculations, shallow foundation, raft (mat) foundation, end bearing pile foundation and retaining wall structures;
- Coordinating projects in one or more of the following areas;
 - Geotechnical Drilling
 - Slope Stability Assessments
 - Settlement Analyses
- Coordinating, supervising and performing research and field responsibilities, such as geotechnical investigation, geotechnical instrumentation and monitoring, etc.;
- Generating and assisting with preparation of deliverable documentation such as proposals, technical memorandums and reports;
- Consistently executing prescribed technical procedures and work plans;
- Develop solutions with senior personnel for complex design programs;
- Work independently and as part of a team on multiple concurrent projects, with the ability to stay within budget and meet deliverable deadlines;
- Assist in the development and maintenance of client relationships.

Skills and Qualifications

- Undergraduate degree required in Civil (Geotechnical) Engineering required;
- Registered/licensed in good standing with Professional Engineers Ontario (P.Eng.);

- 10+ years of post-designation experience, preferably obtained in a consulting engineering environment.
- Experience and knowledge with Geotechnical drilling, settlement analyses, slope stability assessments, would be an asset;
- Experience writing proposals, specifications, case studies, technical and non-technical reports;
- Solid understanding of provincial and federal regulatory requirements acquired through experience and education;
- Strong technical understanding of field data collection, instrumentation, monitoring and sampling techniques;
- Sound judgment and problem-solving skills with the ability to identify and manage cost-effective, practical solutions to client problems and/or potential non-compliance situations;
- Strong ability to balance immediate and long-term work with varying priorities and deadlines;
- Comfortable in both an office and field environment, depending upon assignment priorities;
- Ability to deal tactfully and effectively with clients and co-workers;
- Experience supervising, mentoring, and providing technical guidance to junior and intermediate engineering and field staff;
- Proven ability to review, approve, and provide quality assurance of technical deliverables prepared by others;
- Demonstrated leadership in coordinating project teams, including managing workload distribution, schedules, and project priorities;
- Experience contributing to or leading staff performance development, training, and technical skill advancement;
- Ability to represent the company in client meetings, technical discussions, and project presentations as a senior technical lead;
- Strong understanding of project management principles, including budgeting, scheduling, and managing scope on geotechnical engineering projects;
- Exceptional organizational and writing skills;
- Fluency in both English and French, with strong oral and written communication skills, would be considered an asset;
- The qualified candidate must reside in the Ottawa/Gatineau surrounding area;
- Possess a valid Ontario driver's license and have access to a vehicle with valid registration and insurance;
- Candidate must be authorized to work in Canada.

Physical Requirements

Field work may include exposure to the elements including inclement weather. Ability to 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. 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 Range: 100K to 150K – salary is commensurate with education and experience

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