

FUNDY Engineering

Position: Intermediate Civil/Geotechnical Engineer

RESPONSIBILITIES:

The Geotechnical Engineer assumes the following responsibilities:

- Perform engineering design which may include engineering drawings, design calculations, engineering reports, design criteria.
- Civil design and inspection, reviewing civil design packages, co-ordination with clients, preparing cost proposals
- To assist in fieldwork which may include testing, estimating, and inspection.
- Assist in geotechnical analyses for projects and develop technical expertise including but not limited to soil mechanics, foundation design, retaining walls, storm water management, soil bearing capacity, settlement calculations, slope stability analyses, conduct geotechnical assessments.
- To prepare technical reports, including design, calculations, lab reports, field work report, borehole/test pit logs, specifications and project cost estimation.
- Assist in the preparation of engineering project documents, client presentations, client contact and communication pertaining to specific project deliverables.
- Assist in project designs through CAD sketches, electronic models, diagrams.
- Assist in the review of shop drawings and submittals, responds to request for information, prepares site observation reports, and performs other contract administration tasks.
- Participate in value engineering and basic cost estimating.
- Being responsible for product quality control with adherence to company standards.
- Developing your technical skills and sharing these skills with other members of your team.
- Participating in a team environment within and outside of the civil/geotechnical discipline.

Capabilities and Credentials

- General understanding of concepts of relevant areas of civil engineering design, geotechnical, survey, storm water/drainage design, road design, erosion and sediment control, and grading.
- Understanding of all phases of engineering document production and the relationship between drawings and specifications.
- Working knowledge of codes, legal and design requirements in relevant jurisdictions and developing jurisdictional experience and contacts.
- Ability to solve problems using sound professional judgment, creativity and innovation.
- Ability to participate and collaborate in project team setting and to engage in creative and

critical thought.

- Ability to interpret sketches, drawings and other similar material.
- Proficiency in Microsoft Office, as well as relevant discipline software programs.
- Knowledge and skill with AutoCAD, Civil3D (or other modeling software) is considered an asset.
- Take initiative on tasks and in coordinating with other members of the design team.
- Excellent written and verbal communication skills; ability to work efficiently and effectively within a team.

Teamwork and Leadership

- Maintain a positive working relationship with team members to interact with them on projects.
- Collaborate with Fundy Engineering management and other teams to prioritize projects, workloads and needs.
- Work with clients to ensure projects are meeting their goals and needs, then communicate necessary adjustments to management, teams, and owners.

MINIMAL JOB REQUIREMENTS:

Education: University graduate with a Degree in Geotechnical, Geological, or Civil Engineering;

Experience: 5-10 years of relevant working experience in Geotechnical or Civil engineering, and eligibility for registration as a P.Eng. with APEGNB

Other Skills A sound base in the application of civil/geotechnical engineering to problem-solving; Strong interpersonal communication and critical thinking skills; Ability to work in a team environment; Valid driver's license and a reliable vehicle required;