



CoreGeo

Job Opportunity: Intermediate-Senior Geotechnical Engineer

Competition No.: 2022.1

Core Geoscience Services Inc. (CoreGeo) is an environmental and engineering company comprised of an ethically driven team that has a wealth of knowledge working within various scientific, engineering, and technical fields. Areas of specialization include geochemical characterization and prediction (ARD/ML), hydrogeology, hydrology, water resource engineering, socio-cultural and indigenous relations, project management, environmental site assessment and senior technical document reviews. Our clients include: Government, First Nations and their communities, and the public-sector within the mining, infrastructure development, quarrying, water resource, real estate, and aggregate fields.

With our Headquarters located in Whitehorse, YT, we have been successfully operating and supporting Yukon and BC communities for the past 7 years. With our team of over 18 professionals, our corporate culture is founded upon respect, humility, dedication, and devotion to our staff. We have experienced tremendous growth over recent years and have expanded our operations across Canada to keep up with demand.

The Opportunity

We are actively seeking an experienced and dedicated Intermediate-Senior Geotechnical Engineer. Location of employment is flexible, although preference will be given to candidates based in Edmonton, AB; Vancouver, BC; Kelowna, BC; or Whitehorse, YT. The successful candidate will work on a variety of geotechnical/foundation resources assignments, which may include:

- Management of design projects, including field drilling programs relating to geotechnical and materials characterization.
- Planning and executing slope stability reports, dam safety reviews, and other project specific tasks.
- Participate in construction site visits and management of geotechnical projects.
- Engineer geotechnical analysis of stability stress, deformation, and foundation response, utilizing data and software specialties.
- Plan, execute and supervise CoreGeo's Environmental Technicians and staff for challenging geotechnical design projects.
- Conduct multidisciplinary geotechnical investigations and assessments, for design of shallow and deep foundations, retaining structures and earth structures.

- Facilitate desktop and field level terrain evaluations using satellite, arial photographs, and commercial software packages in the assessment of terrain and geohazards.
- Assist with climate change adaption, management plan development, and mitigation.
- First Nations consultation, participation and planning.
- Scientific research and innovation (geotechnical, geology, geochemistry, water treatment).
- Work on a diverse team of engineers and environmental specialists from the planning to final stages of projects.

CoreGeo supports and encourages its employees to participate in all aspects of the company's growth and development. The successful candidate should expect to participate and/or lead with the following activities:

- Lead and project manage projects, including field programs.
- Identification of new business opportunities, including preparation of proposals, work plans and cost estimates.
- Management of contractors and sub-consultants, including preparation of contractual documents.
- Development and implementation of CoreGeo's corporate safety and quality programs.
- Build relationships with clients and represent CoreGeo at industry events and conferences.
- Preparation of applications for funding opportunities, for both CoreGeo's innovations and clients' projects.
- Management of regulatory applications and other submissions, including negotiation of key conditions of approval(s) and authorizations.
- Professional sign-off of designs and studies, as well as professional review of the work of others.
- Research and development activities for novel technologies and/or techniques that can be applied to our work.

Exact work assignments will depend on the qualifications and interests of the successful candidate, as well as CoreGeo's active project workload.

Your Qualifications

Our ideal candidate will have the following qualifications and competencies:

- Degree in Civil or Geotechnical Engineering with a specialization in soil contamination is preferred.
- 6 to 10+ years of relevant experience.
- Registration (or eligible for registration) as a Professional Engineer with APEGA, EGBC or APEY.

- Sound understanding of geotechnical principles and experience in multidisciplinary fields (environmental, geotechnical, civil-structural, hydrotechnical, electrical and mechanical).
- Demonstrated experience in technical design/analytical skills.
- Ability to independently lead projects and take professional responsibility for deliverables.
- Experience with standard business software, especially MS Excel.
- Excellent communication, technical writing, and presentation skills.
- Comfortable working outdoors in remote environments.
- A strong command of the English language, both oral and written.

Preferably, you would also have experience/competency in several of the following:

- Instrumentation used for geotechnical data collection.
- Experience in the environmental consultation sector.
- Experience with some of the following software:
 - AutoCAD / Civil 3D
 - GIS platforms (QGIS, ArcGIS), including mapping, web maps, and analysis
 - Data management platforms, such as GeoStudio
 - Data analysis using Python or R.
- Safety certifications such as the following:
 - Standard First Aid

In addition, you must be self-motivated, an independent problem-solver and attentive to details. You will also have enough flexibility in your schedule to be able to respond to project demands as they come about.

Exceptional candidates whose qualifications deviate from the above will be considered on a case-by-case basis.

WHAT WE OFFER

CoreGeo is offering competitive remuneration and a flexible working arrangement that can be tailored to suit your lifestyle. You will gain exposure to a variety of projects and industries and will be able to participate in future direction of a vibrant, young company.

For the right candidate, CoreGeo can accommodate a part-time work schedule or remote assignment.

HOW TO APPLY

Applications will be accepted until a suitable candidate is found. Please respond via email to info@coregeo.com. Include your resume, references, and a brief description of why you are interested in this position.

We appreciate all applications received for this competition. However, only candidates selected for an interview will be contacted. Applications received may be used to fill future opportunities with CoreGeo.

We thank-you for your time in considering this position, and to all those who apply.

Sincerely,

CoreGeo