

JOB DESCRIPTION

POSITION TITLE:

Geotechnical Engineer

DEPARTMENT:

GEO

INCUMBENT:

REPORTS TO:

Geotechnical Group
Lead

DATE:

April 2023

GENERAL FUNCTION:

Geotechnical Engineers plan, direct, manage and organize field explorations, geotechnical analysis, laboratory testing, and environmental conditions and generates reports for the assigned project.

ESSENTIAL DUTIES & RESPONSIBILITIES:

- Manage geotechnical and geological analysis, manage staff, budgets, and supporting sub consultant, conduct research, perform preliminary geological reconnaissance, geotechnical and geological studies, review testing results, and develop design recommendations.
- Direct geotechnical field observation and testing programs.
- Interface with client, design team and public.
- Make decisions on significant design and engineering procedures and function as a technical specialist.
- Coordinate with team members including driller, CAD technicians, laboratory manager/technicians, documents production and drafting.
- Develop and manage field work for geotechnical and geological studies in accordance with various public agencies and industry standards.
- Prepare documents detailing analysis and recommendations.
- Critically review testing results, design recommendations, and documents detailing the studies/projects conducted.
- Prepare proposals with scope, fee and schedule.

QUALIFICATIONS:

- Bachelor's in Civil Engineering; specialization in geotechnical engineering or related field.
- Excellent physical stamina. A valid driver's license.
- Proficiency in Geotechnical engineering software.
- Great interpersonal skills.
- Exceptional oral and written communication skills.
- Strong organizational skills. Ability to work in a team or individually as and when required.
- Ability to manage and handle multiple tasks.
- Outstanding problem-solving skills. Exceptional attention to detail.
- Good time management abilities. Strong decision-making skills.



