

Geotechnical Engineer – (Entry Level)

Job Description

Updated 8/11/2026



Who we are:

NTS Environmental Science and Engineering is a leading provider of comprehensive environmental services, offering consulting, engineering, engineering support, and data management solutions to a diverse clientele in northern Minnesota's Iron Range region. Our company has an employee-driven culture that promotes professional development and growth. We prioritize integrity, safety, client-focus, and excellence in all aspects of our work. We provide competitive pay based on experience level, a comprehensive benefits package, flexibility, and opportunity for advancement.

Position Description:

NTS is seeking an Entry-Level Geotechnical Engineer to support geotechnical investigations, engineering analyses, construction materials testing, and project delivery. This position offers the opportunity to work alongside experienced engineers and geologists while developing technical expertise through a combination of office, laboratory, and field assignments.

Primary responsibilities include, but are not limited to:

- Assist with geotechnical engineering investigations, analyses, and design recommendations under the guidance of senior staff.
- Support field exploration programs including soil sampling, drilling oversight, core logging, groundwater monitoring, and instrumentation installation.
- Perform engineering calculations related to foundations, earthwork, slope stability, settlement, and retaining structures.
- Assist with preparing geotechnical reports, boring logs, drawings, maps, and technical memoranda.
- Coordinate laboratory testing and review test results for engineering applications.
- Support construction observation and materials testing activities.
- Assist with project scheduling, cost tracking, and documentation.
- Collaborate with multidisciplinary project teams including environmental scientists, engineers, surveyors, and construction personnel.
- Support the NTS safety program through safe work practices, policy adherence, hazard reporting, and commitment to safe project execution.
- Other duties as assigned or necessary.

Qualifications:

- Bachelor's degree in Civil Engineering with an emphasis on geotechnical engineering, or a related field.
- 0-5 years of relevant engineering experience.

- Basic understanding of soil mechanics, foundation engineering, and geotechnical investigation methods.
- Strong understanding of construction materials testing and the construction industry, in general.
- Demonstrated ability to meet deadlines and manage priorities.
- Demonstrated ability to write comprehensive, high-quality technical reports.
- Demonstrated ability to collaborate with multidisciplinary teams and bridge gaps between different professional disciplines.
- Must be detail-oriented and possess a strong desire for continued learning and professional growth.
- Valid driver's license and ability to travel to project sites.

Compensation & Schedule:

Position Type: Full-Time

Compensation: \$70,000 - \$85,000 per year, based on experience and education.

Comprehensive benefits package including health insurance, retirement plan, paid time off, and professional development.

Work Schedule: Monday-Friday

Interested in joining our team? We'd love to hear from you.

Please submit your cover letter and resume by mail or email using the contact information below.

By Mail:

Northeast Technical Services, Inc.
Attn: Megan Borich
526 Chestnut St.
Virginia, MN 55792

By Email:

mborich@netechnical.com

We appreciate your interest and will contact selected candidates regarding the next steps in the hiring process.

Northeast Technical Services, Inc. (NTS) is an Equal Opportunity, Affirmative Action Employer. All qualified applicants will be considered for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, or status as a protected veteran.