

## GEOTECHNICAL ENGINEER - ENTRY-LEVEL

### POSITION SUMMARY

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Pilch Engineering is seeking an **Entry-Level Geotechnical Engineer** to join our growing geotechnical practice. This position is ideal for recent graduates who want to build a strong technical foundation through hands-on field work, laboratory testing, and engineering analysis. **The role may be based in our Missoula, MT; Sheridan, WY; or Casper, WY office**, depending on candidate preference and project needs.

As part of our collaborative team, you'll support geotechnical investigations, perform engineering analyses, assist with report preparation, and work closely with senior engineers and technicians. You'll gain exposure to a wide range of public and private project types across the Mountain West and beyond, from infrastructure and energy to commercial and residential development.

### KEY RESPONSIBILITIES

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#### Project & Engineering Support

- Work directly with senior engineers and project managers to plan and execute geotechnical engineering projects for a diverse range of clients and industries
- Participate in project scoping, preparation of engineering drawings, specifications, and reports
- Assist with drafting site plans, preparing boring logs, and developing technical report sections
- Coordinate with clients, contractors, and regulatory agencies throughout project execution
- Support project management tasks, including budgets, schedules, materials, and documentation

#### Field Work

- Conduct and oversee subsurface explorations, including soil borings, test pits, and geotechnical instrumentation installation
- Collect, classify, and document soil and rock samples
- Observe and document subgrade, trench, and foundation conditions during construction
- Occasional overnight or extended travel (including week-long trips) will be required for project-related work across our service region

#### Laboratory & Analysis

- Coordinate with laboratory staff to perform geotechnical tests (Atterberg limits, grain size, Proctor, shear strength, consolidation, etc.)
- Review and interpret laboratory results for engineering analyses
- Perform geotechnical engineering calculations and support the design of shallow and deep foundations, ground improvement, excavation support, pavements, and other geotechnical systems

#### Construction Support

- Provide construction-phase observations and documentation
- Communicate findings and recommendations to project managers and clients
- Help ensure geotechnical design intent is implemented in the field

## QUALIFICATIONS

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- B.S. degree in civil or geological engineering, or related discipline, from an ABET accredited program.
- 0 to 4 years of geotechnical engineering or related experience.
- Engineer-in-Training (EIT) Certification or ability to obtain within 6 months of hire.
- Proficient in Microsoft Office, particularly Word and Excel.
- Demonstrate clear and professional written and verbal communication skills.
- Ability to successfully work within a team environment (internally & externally) and adapt to changing conditions or project requirements.
- Ability to work outdoors in all weather conditions in rugged and sometimes remote field locations.
- Valid driver's license and ability to operate vehicles in various weather conditions.

### Preferred

- Previous engineering experience with increasing levels of responsibility.
- Experience performing subsurface explorations or installing/monitoring geotechnical instrumentation (e.g., inclinometers, piezometers), including various drilling methods, test pit excavations, or geophysics.
- Experience with geotechnical analysis software for field data reduction, slope stability, foundation design, seismic analysis, etc.
- Experience overseeing geotechnical components of construction projects.
- Experience with AutoCAD or ArcView/ArcGIS is a plus.

## ABOUT PILCH ENGINEERING

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Pilch Engineering began in 1968 as a small Sheridan, Wyoming-based practice and has since grown into a multi-disciplinary, multi-state engineering firm with offices across Wyoming, Montana, and Idaho. Our team provides integrated expertise in geotechnical, energy, and regulatory engineering, supporting public and private clients across the Mountain West and beyond. We prioritize a supportive, growth-oriented environment where early-career professionals gain hands-on experience and meaningful responsibility. We offer competitive salaries and comprehensive benefits packages, including:

- Health and welfare
- Retirement plan with company match
- Paid time off and holidays

## HOW TO APPLY

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Interested candidates should submit their resume and brief cover letter to [awarren@pilchengineeringllc.com](mailto:awarren@pilchengineeringllc.com). For questions, please call us at 307.672.8750. Learn more at [www.pilchengineeringllc.com](http://www.pilchengineeringllc.com).