

## LABORATORY & FIELD TECHNICIAN – SHERIDAN, WYOMING

### POSITION SUMMARY

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Pilch Engineering, is seeking a motivated, detail-oriented **Laboratory & Field Technician based in our Sheridan, Wyoming office** to support our growing geotechnical practice. This hybrid role blends laboratory testing, field observations, and office support – ideal for someone who enjoys variety, wants to build technical skills, and is excited to play a key role in shaping our new in-house soils laboratory. You'll work closely with our engineers and project managers to ensure high-quality data collection, accurate testing, and smooth project delivery. This is a foundational role with significant room for growth as our lab and field programs expand.

### KEY RESPONSIBILITIES

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#### Laboratory Testing (Primary Focus)

- Perform geotechnical laboratory tests on soil and rock, including: Atterberg limits, moisture content, grain size distribution (sieve/hydrometer), Proctor, consolidation, direct shear, triaxial shear, permeability
- Prepare, label, and organize soil samples for testing
- Maintain clean, safe, and well-organized lab workspaces
- Record, review, and verify test data for accuracy and completeness
- Assist with equipment calibration, maintenance, and documentation
- Support development of lab workflows and QA/QC procedures as the facility grows

#### Field Support

- Assist with geotechnical investigations, including: logging borings and test pits, sampling, and observing subgrade conditions during construction
- Communicate field observations clearly to project engineers
- Follow all safety protocols and maintain required certifications
- Occasional overnight or multi-day travel (including approximately week-long trips) may be required for geotechnical investigations and project-related work throughout our service region

#### Office & Project Support

- Enter lab and field data into project templates and databases
- Draft initial boring logs and basic report sections under engineer guidance
- Organize project files, photos, and sample inventories
- Support engineers with miscellaneous tasks that keep projects moving efficiently

## QUALIFICATIONS

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- Associate degree in civil engineering technology, geology, geosciences, or related field
- Strong attention to detail and ability to follow technical procedures
- Comfortable working in both laboratory and active construction environments
- Ability to lift 50+ lbs and perform physical tasks such as carrying samples/equipment
- Valid driver's license and clean driving record
- Basic computer skills (Excel, Word, data entry)
- Strong communication skills and willingness to ask questions and learn

### Preferred

- Prior experience in a soils or materials testing laboratory
- Experience with geotechnical field work (boring and test pit logs, field testing, sampling)
- Familiarity with ASTM and AASHTO standards for soil and rock testing
- Experience assisting drill crews or working on construction sites
- Coursework or background in geology, civil engineering, or related fields
- Mechanical aptitude and comfort troubleshooting equipment
- Ability to read construction plans or understand basic civil engineering concepts

## WHY JOIN 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 team members gain hands-on experience, develop technical skills, and take on 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 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).