



LAB & TESTING SERVICES

practice area overview

Certified and Client-Focused

GeoEngineers' accredited labs and technicians form the basis of our data-driven geotechnical and environmental work and provide stand-alone testing services to select clients.

Our labs maintain specific regional and national certifications including accreditation by the American Association of State Highway and Transportation Officials (AASHTO), United States Army Corps of Engineers (USACE), ASTM Cement and Concrete Reference Laboratory (CCRL), American Association for Laboratory Accreditation, Washington Association of Building Officials (WABO), Louisiana Department of Environmental Quality (LA DEQ) and the Idaho Transportation Department (ITD). Our laboratories are USDA-approved to receive, test, and store imported samples including contaminated materials.

Our experienced laboratory staff can provide prompt, accurate test results to meet the needs of our clients' fast-paced schedules. As part of our laboratory certification process, all lab technicians receive formal documented training to ensure testing is performed by knowledgeable, trained personnel. This training is refreshed on a regular basis, so we are prepared for compliance audits to maintain our certifications.

Testing capabilities include:

- **Atterberg Limits**
- **Sieve Analysis**
- **One-Dimensional Consolidation**
- **Rock Point Load Test**
- **Hydrometer**
- **Organic Content**
- **And Much More**

GeoEngineers provides a full range of AASHTO-certified physical soil testing services, including index and engineering properties tests.

GET IN TOUCH

info@geoengineers.com





Schedule of Charges

Redmond Lab, Effective January 1, 2019

Primary Testing-Soil Index and Classification Tests	Unit Price
Soil Description (ASTM D 2488)	\$16
Oven Dry Moisture Content (ASTM D 2216) (AASHTO T265)	\$20
Microwave Dry Moisture Content (ASTM D 4643)	\$20
Particle Size Analysis	
Percent Passing No. 200 Soil (ASTM D 1140)	\$85
Aggregate (ATM C 117)(AASHTO T 11)	\$85
Sieve Soil (ASTM D 6913) includes minus 200 wash	\$135
Aggregate (ASTM C 136) (AASHTO T 27) includes minus 200 wash	\$135
Hydrometer Only (ASTM D 7928, minus #10 fraction)	\$160
Combined Sieve and Hydrometer (ASTM D 6913, D 7928)	\$250
Organic Content (ASTM D 2974)(AASHTO T 267)	\$70
Specific Gravity Soil (ASTM D 854)	\$90
Specific Gravity, Fine/Coarse Aggregate (ASTM C 127, C 128)	\$80/\$120
Atterberg Limits (ASTM D 4318)(AASHTO T 89/T 90)	\$175
Atterberg Nonplastic	\$70
Atterberg Organic	\$225
Proctor Compaction (ASTM D 698/D 1557, AASHTO T 99/T 180, Methods A, B, C and D)	
Granular Soil (4 Point)	\$270
Cohesive Soil (4 Point)	\$350
Shrinkage Factors of Soils by Wax Method (ASTM D 4943)	\$70
Soil Resistivity (ASTM G 57)	\$65
pH of Soil (AASHTO T 289)	\$40
Sand Equivalent (AASHTO T 176)	\$90
Secondary Testing-Strength, Rock and Consolidation Tests	
Consolidation (ASTM D 2435) Standard Loads psf-100, 200, 400, 800, 1600, 3200, 6400, 1600, 400, 100	\$600
Additional load increments, each	\$60
CBR, 3 point with Proctor (ASTM D 1883)	\$700
CBR, 1 point with Proctor (ASTM D 1883)	\$450
Rock Unconfined Compression Test (ASTM D 7012 w/o D 4543 sample prep) Per Test Cost for One/Multiple Tests	\$120/\$100
Rock Point Load Test, Core/Lump (ASTM D 5731)	\$75

“Everything starts with data.
Good decisions rely on good data,
and at GeoEngineers, we take
pride in getting it right.”

—Stu Swenson, Lab Manager

Service Terms and Details

- Schedule of charges are based on a normal turnaround time of 2 weeks for Primary Testing.
- Rush testing is based on a normal turnaround time of 1 week for Primary Testing and is cost plus 50%.
- Accelerated testing is based on a same day start for Primary Testing and is cost plus 100%.
- Secondary Testing turnaround time and cost is dependent on equipment usage and availability. Contact lab manager for cost and turnaround time.
- Testing on foreign regulated/quarantine soil imported under USDA PPQ permit 7 CFR 330 is cost plus 25%.
- Unused sample(s) will be discarded 7 days after completion. If storage of samples is requested, cost will be \$0.10 per bag sample per day, or \$1.00 per bulk sample per day up to 90 days. After 90 days, samples will be discarded, or arrangements made with client to store longer.
- All testing projects must have signed master services agreement in place before any samples will be accepted.