

Small, independent geotechnical laboratory with expertise in soils mechanics, rock mechanics, materials testing, geosynthetics testing and construction services.

Laboratory services certified by AASHTO re:source, CCRL and GAI-LAP



Advanced Terra Testing (ATT) has a wide scope of Soil Mechanics capabilities. From basic index testing to more complex triaxial and consolidation testing, ATT is prepared to fulfill your geotechnical needs. In addition to ASTM/AASHTO testing standards, ATT also assists clients with mix design and unique specialized projects. Please reach out to discover how we can best serve you.

► General testing

- ASTM D2216 Moisture Content
- ASTM D854 Specific Gravity
- ASTM D4318 Atterberg Limits
- ASTM D6913 Grain Size
- ASTM D7928 Hydrometer
- ASTM D698 Standard Proctor
- ASTM D1557 Modified Proctor
- ASTM D2166 UCS
- ASTM D5856 Fixed Wall Perm
- ASTM D4647 Pinhole Dispersion Test

And more!

► Triaxial testing

- ASTM D2850 TxUU
- ASTM D4767 TxCUPP
- ASTM D5084 Flex Wall Perm

► Direct Shear

- ASTM D3080 Direct Shear
- ASTM D3080 Large Scale Direct Shear
- ASTM D6528 Direct Simple Shear

► Bentonite

- ASTM D6910 Viscosity
- ASTM D4380 Mud Density
- ASTM D5891 Filtrate Loss
- ASTM D5890 Swell Index

► Chemistry

- ASTM G187 Resistivity
- ASTM D4972 Soil pH
- ASTM D4373 CaCO₃
- Corrosion suite: Cl⁻, SO₄²⁻, S²⁻

And more!

