Accredited Laboratory

A2LA has accredited

GEOTESTING EXPRESS, LLC.

Acton, MA

for technical competence in the field of

Geotechnical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

Presented this 28th day of February 2022.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2965.01
Valid to March 31, 2024
Revised July 6, 2022

For the tests to which this accreditation applies, please refer to the laboratory's Geotechnical Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GEOTESTING EXPRESS, LLC.
125 Nagog Park
Acton, MA 01720
Joe Tomei Phone: 978 635 0424

Valid To: March 31, 2024 Certificate Number: 2965.01

GEOTECHNICAL

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests under the ASTM recommended practice D3740:

Test Method:	**Test Description:**
Soils:	
ASTM D421 (Withdrawn 2016)[1]	Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constant
ASTM D422 (Withdrawn 2016)[1]	Particle Size Analysis of Soils
ASTM D7928	Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis
ASTM D698	Moisture-Density Relations (Standard Proctor)
ASTM D854	Specific Gravity of Soils
ASTM D1140	Amount of Material in Soils Finer than No. 200 Sieve
ASTM D1557	Moisture-Density Relations (Modified Proctor)
ASTM D1883	CBR (California Bearing Ratio) of Laboratory-Compacted Soils
ASTM D2166/D2166M	Unconfined Compressive Strength of Cohesive Soil
ASTM D2216	Water Content of Soil, Rock & Soil-Aggregate Mixtures
ASTM D2434	Permeability of Granular Soils (Constant Head)
ASTM D2435/D2435M	One-Dimensional Consolidation Properties of Soils
ASTM D2487	Classification of Soils for Engineering Purposes
ASTM D2488	Description and Identification of Soils (Visual-Manual Procedure)
ASTM D2850	Undrained, Unconsolidated Strength in Triaxial Compression
ASTM D2974	Moisture, Ash, and Organic Matter of Peat and Other Organic Soils
ASTM D3080/D3080M	Direct Shear Test of Soils Under Consolidated Drained Conditions
ASTM D4015	Modulus and Damping of Soils by Resonant-Column Method
ASTM D3999	Determination of the Modulus and Damping Properties of Soils Using the Cyclic Triaxial Apparatus
ASTM D4186	One-Dimensional Consolidation Properties of Saturated Cohesive Soils Using Controlled-Strain Loading
ASTM D4253	Maximum Index Density and Unit Weight of Soils Using a Vibratory Table
ASTM D4254	Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density
ASTM D4318	Liquid Limit, Plastic Limits & Plasticity Index of Soils

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Test Method:	**Test Description:**
ASTM D4373	Rapid Determination of Carbonate Content of Soils
ASTM D4546	One-Dimensional-Swell or Settlement Properties of Cohesive Soils
ASTM D4718	Correction of Unit Weight and Water Content for Soils Containing Oversize Particles
ASTM D4767	Consolidated Undrained Triaxial Compression Test for Cohesive Soils
ASTM D4829	Expansion Index of Soils
ASTM D4972	pH of Soils
ASTM D5334	Thermal Conductivity of Soil and Soft Rock by Thermal Needle Probe Procedure
ASTM G51	Standard Test Method for Measuring pH of Soil for Use in Corrosion Testing
ASTM D5084	Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter
ASTM D5311	Load Controlled Cyclic Triaxial Strength of Soil
ASTM D6467	Torsional Ring Shear Test to Determine Drained Residual Shear Strength of Cohesive Soils
ASTM D6528	Consolidated Undrained Direct Simple Shear Testing of Cohesive Soils
ASTM D6913	Particle-Size Distribution (Gradation) of Soil using Sieve Analysis
ASTM D6938[2]	In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
ASTM D7181	Consolidated Drained Triaxial Compression Test for Soils
ASTM D7263	Laboratory Determination of Density (Unit Weight) of Soil Specimens
ASTM D7608	Standard Test Method for Torsional Ring Shear test to determine Drained Fully Softened Shear Strength and Nonlinear Strength Envelope of Cohesive Soils for Slope with No Preexisting Shear Surfaces
ASTM D8296	Consolidated Undrained Cyclic Direct Simple Shear Test under Constant Volume with Load Control or Displacement Control
ASTM G57	Soil Resistivity Using the Wenner Four-Electrode Method
AASHTO T307	Determining the Resilient Modulus of Soils and Aggregate Materials
ISO/TS 17892-1	Determination of Water Content
ISO/TS 17892-3	Determination of Particle Density - Pycnometer Method
ISO/TS 17892-5	Incremental Loading Oedometer Test
ISO/TS 17892-7	Unconfined Compression Test on Fine-Grained Soil
ISO/TS 17892-9	Consolidated Triaxial Compression Tests on Water-Saturated Soil
ISO/TS 17892-11	Determination of Permeability by Constant and Falling Head
ISO/TS 17892-12	Determination of Atterberg Limits
Rock:	
ASTM D2845	Laboratory Determination of Pulse Velocities and Ultrasonic Elastic Constants of Rock
ASTM D2936	Direct Tensile Strength of Intact Rock Core Specimens
ASTM D3967	Splitting Tensile Strength of Intact Rock Core Specimens
ASTM D4543	Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances
ASTM D4644	Slake Durability of Shales and Similar Weak Rocks
ASTM D5607	Performing Laboratory Direct Shear Strength Tests of Rock Specimens Under Constant Normal Force

Test Method:	**Test Description:**
ASTM D5731	Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications
ASTM D5873	Determination of Rock Hardness by Rebound Hammer Method
ASTM D6032	Determining Rock Quality Designation (RQD) of Rock Core
ASTM D7012	Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperature
ASTM D7625	Laboratory Determination of Abrasiveness of Rock Using the CERCHAR Method
Handewith (2000)	Punch Penetration
ISRM Part 1	Water Content of Rock
ISRM Part 2	Porosity/Density
ISRM Part 3	Saturation/Buoyancy

[1] This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

[2] This laboratory performs field testing activities for these tests.