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D5299/D5299M-18 Standard Guide for Decommissioning of Groundwater Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities

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D1557-12(2021) Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft³ (2,700 kN-m/m³))

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D5784/D5784M-18 Standard Guide for Use of Hollow-Stem Augers for Geoenvironmental Exploration and the Installation of Subsurface Water Quality Monitoring Devices

D5521/D5521M-18 Standard Guide for Development of Groundwater Monitoring Wells in Granular Aquifers

D2168-10(2018) Standard Practices for Calibration of Laboratory Mechanical-Rammer Soil Compactors

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D558/D558M-19 Standard Test Methods for Moisture-Density (Unit Weight) Relations of Soil-Cement Mixtures

D4050-20 Standard Test Method for (Field Procedure) for Withdrawal and Injection Well Testing for Determining Hydraulic Properties of Aquifer Systems

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D5240/D5240M-20 Standard Test Method for Evaluation of the Durability of Rock for Erosion Control Using Sodium Sulfate or Magnesium Sulfate

D4647/D4647M-13(2020) Standard Test Methods for Identification and Classification of Dispersive Clay Soils by the Pinhole Test

D4403-20 Standard Practice for Extensometers Used in Rock

D2487-17e1 Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)

D1632-17e1 Standard Practice for Making and Curing Soil-Cement Compression and Flexure Test Specimens in the Laboratory

D2974-20e1 Standard Test Methods for Determining the Water (Moisture) Content, Ash Content, and Organic Material of Peat and Other Organic Soils

D4767-11(2020) Standard Test Method for Consolidated Undrained Triaxial Compression Test for Cohesive Soils

D2435/D2435M-11(2020) Standard Test Methods for One-Dimensional Consolidation Properties of Soils Using Incremental Loading

D1997-20 Standard Test Method for Laboratory Determination of the Fiber Content of Peat and Organic Soils by Dry Mass

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D1633-17 Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

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D3441-16 Standard Test Method for Mechanical Cone Penetration Testing of Soils

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D3550/D3550M-17 Standard Practice for Thick Wall, Ring-Lined, Split Barrel, Drive Sampling of Soils

D3551-17 Standard Practice for Laboratory Preparation of Soil-Lime Mixtures Using Mechanical Mixer

D4543-19 Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances D2936-20 Standard Test Method for Direct Tensile Strength of Intact Rock Core Specimens

D420-18 Standard Guide for Site Characterization for Engineering Design and Construction Purposes

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D4105/D4105M-20 Standard Practice for (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Modified Theis Nonequilibrium Method

D5716/D5716M-20 Standard Test Method for Measuring the Rate of Well Discharge by Circular Orifice Weir

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D5777-18 Standard Guide for Using the Seismic Refraction Method for Subsurface Investigation

D5270/D5270M-20 Standard Practice for (Analytical Procedures) Determining Transmissivity and Storage Coefficient of Bounded, Nonleaky, Confined Aquifers

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D5312/D5312M-21 Standard Test Method for Evaluation of Durability of Rock for Erosion Control Under Freezing and Thawing Conditions

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D1586/D1586M-18e1 Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils

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D5715-23 Standard Practice for Estimating the Degree of Humification of Peat and Other Organic Soils (Visual/Manual Method)

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D5334-22ae1 Standard Test Method for Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe Procedure

D5255-15(2023) Standard Practice for Certification of Personnel Engaged in the Testing of Soil and Rock

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D5268-23 Standard Specification for Topsoil Used for Landscaping and Construction Purposes

D2973-23 Standard Test Method for Total Nitrogen in Peat Materials

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D3080/D3080M-23 Standard Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions

D3740-23 Standard Practice for Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction

D586-23 Standard Test Method for Ash and Organic Matter Content of Degradable Erosion Control Products

D5876/D5876M-17(2024) Standard Guide for Use of Direct Rotary Wireline Casing Advancement Drilling Methods for Geoenvironmental Exploration and Installation of Subsurface Water-Quality Monitoring Devices

D4959-24 Standard Test Method for Determination of Water Content of Soil By Direct Heating

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D5874-24 Standard Test Methods for Determination of the Impact Value (IV) of a Soil

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D4943-18(2024) Standard Test Method for Shrinkage Factors of Cohesive Soils by the Water Submersion Method

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D4186/D4186M-20e2 Standard Test Method for One-Dimensional Consolidation Properties of Saturated Cohesive Soils Using Controlled-Strain Loading

D5779/D5779M-24 Standard Test Method for Field Determination of Rapid Specific Gravity of Rock and Manmade Materials for Erosion Control

D2166/D2166M-24 Standard Test Method for Unconfined Compressive Strength of Cohesive Soil

D3282-24 Standard Practice for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes

D1452/D1452M-24 Standard Practice for Soil Exploration and Sampling by Auger Borings

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D5335-24 Standard Test Method for Linear Coefficient of Thermal Expansion of Rock Using Bonded Electric Resistance Strain Gauges

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D1556/D1556M-24 Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method

D560/D560M-24 Standard Test Methods for Freezing and Thawing Compacted Soil-Cement Mixtures

D4648/D4648M-24a Standard Test Methods for Laboratory Miniature Vane Shear Test for SaturatedFine-Grained Soil