

## TESTING FORUM

### Call for Papers

#### Ground Water and Vadose Zone Monitoring and Sampling Technology Focus of ASTM Training Course

How to locate, install, and obtain hydrogeologic data and ground water samples from monitoring wells will be explored in Ground Water and Vadose Zone Monitoring and Sampling Technology, a three-and-a-half-day Standards Technology Training course presented by ASTM.

This training course is designed for industry environmental specialists, state and federal regulators, and environmental consultants. It will be held 10–13 Sept. 1990 in Burlington, Mas-

sachusetts, and 22–25 Oct. 1990 in Atlanta, Georgia. The first day of each course begins at noon and is an optional introductory session.

A \$695.00 fee includes a compilation of ASTM standards covered in this course, copies of lecture notes and visual aids, and coffee breaks. The registration deadline is two weeks before the course starting date, and class size is limited. For a free course brochure including program, registration, and hotel information, contact Kathy Dickinson, ASTM, 1916 Race Street, Philadelphia, PA 19103, 215/299-5480.

Organized in 1898, ASTM (American Society for Testing and Materials) is one of the largest voluntary standards development systems in the world.

### Note to Authors

Many authors who prepare papers or technical notes for the ASTM *Geotechnical Testing Journal* are not cognizant of the distinction between the words *sample* and *specimen*. When preparing material for the *Journal*, authors should be especially sensitive to correct usage of these words. To promote uniformity and to make the editorial process more efficient, the following definitions are presented.

#### DEFINITIONS

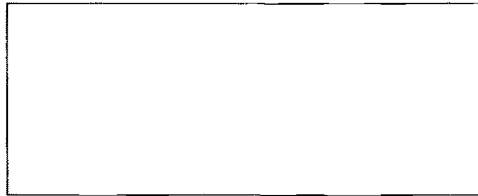
*Sample*—A representative portion of a whole; a small segment or quantity taken as evidence of the character of an entire group or lot. For geotechnical work, a *sample* is the material taken in the field as representative of a given soil or rock strata, deposit, or area. *Samples* are often shipped to a laboratory for study.

*Specimen*—A particular single item, part, aspect, or incident that is typical and indicative of the nature, character, or quality of others in the same class or group (sample). A unit, as of a mineral, a soil, or a rock core, that is deliberately selected for examination or study and is usually chosen as typical of its kind. A portion of material for use in testing. Again, for geotechnical work, a *specimen* is a representative part or portion of the larger *sample*, and individual *specimens* are prepared for laboratory testing.

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# ASTM Committee D-18 on Soil and Rock

## Scope

The promotion of knowledge; stimulation of research; the development of specifications and methods for sampling and testing; and the development of nomenclature, definitions, and practices relating to the properties and behavior of soil, rock, and the fluids contained therein. Excluded are the uses of rock for building stone and for constituent materials in portland cement and bituminous paving and structures coming under the jurisdiction of other committees. Included are the properties and behavior of: soil-like materials such as peats and related organic materials, and fluids occupying the pore spaces, fissures and other voids in soil and rock insofar as such fluids may influence the properties, behavior and uses of the soil and rock materials.

The area of interest of the Committee is the testing of soil, rock and such materials that may be intimately associated with soil and rock. It will be the policy of this Committee to avoid, insofar as possible, dealing with methods of design of engineering structures and all those features of general practice in the use of soil and rock which may not involve the development of standards. It will, however, be considered within the scope of the Committee's work to promote by every desirable means the close cooperation of other organizations and committees whose field of endeavor is closely allied to that of soil and rock testing.

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**D18.02 Sampling and Related Field Testing for Soil Investigations**  
J. Horton

**D18.03 Texture, Plasticity, and Density Characteristics of Soils**  
T. S. Hawk

**D18.04 Hydrologic Properties of Soil and Rock**  
D. E. Daniels

**D18.05 Structural Properties of Soils**  
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**D18.06 Physico-Chemical Properties of Soils and Rocks**  
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**D18.93 Terminology for Soil, Rock, and Contained Fluids**  
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