

## Australian Standard®

AS 1289.1.1—2001

# Methods of testing soils for engineering purposes

## Method 1.1: Sampling and preparation of soils— Preparation of disturbed soil samples for testing

*This Standard incorporates Amendment No. 1 (November 2002) and Amendment No. 2 (October 2008). The changes required by the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

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### METHOD

#### 1 SCOPE

This Standard sets out a procedure for preparing disturbed samples, as received from the field, for testing in accordance with the series of tests listed in AS 1289.0.

The method does not cover procedures for sampling.

##### NOTES:

- 1 Sampling and preparation of soils are described in AS 1289.1.2.1.
- 2 The size of the samples from which disturbed soils samples are to be prepared depends on the tests that are to be carried out, and the maximum size and the relative proportion of coarse and fine material in the original soil.

#### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

##### AS

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|------------|--|
| 1152       | Specification for test sieves  |
| 1141       | Methods for sampling and testing aggregates  |
| 1141.2     | Method 2: Basic testing equipment  |
| 1289       | Methods of testing soils for engineering purposes  |
| 1289.0     | Part 0: General requirements and list of methods   |
| 1289.1.2.1 | Method 1.2.1: Sampling and preparation of soils—Disturbed samples—Standard method  |
| 1289.2.1.1 | Method 2.1.1: Soil moisture content tests—Determination of the moisture content of a soil—Oven drying method (standard method)             |
| 1289.2.1.2 | Method 2.1.2: Soil moisture content tests—Determination of the moisture content of a soil—Sand bath method (subsidiary method)             |
| 1289.2.1.4 | Method 2.1.4: Soil moisture content tests—Determination of the moisture content of a soil—Microwave-oven drying method (subsidiary method) |
| 1289.2.1.5 | Method 2.1.5: Soil moisture content tests—Determination of the moisture content of a soil—Infrared lights method (subsidiary method)       |
| 1289.2.1.6 | Method 2.1.6: Soil moisture content tests—Determination of the moisture content of a soil—Hotplate drying method (subsidiary method)       |