



Laboratory Testing of Soils, Rocks and Aggregates (Paperback)

By Nagaratnam Sivakugan, Annette Arulrajah, Myint Win Bo

J Ross Publishing, United States, 2011. Paperback. Condition: New. Language: English . Brand New Book. Testing rocks and aggregates are rarely covered in soil testing books and there are no separate books on rock or aggregate testing.

Laboratory Testing of Soils, Rocks and Aggregates includes laboratory testing methods for most tests for soils as well as rocks and aggregates, which are becoming increasingly common in professional practice and university teaching. Part A gives a general overview of laboratory measurements, equipment, units, safety and standards. Part B covers soil tests from grain size distribution to consolidation, triaxial and direct shear tests. Part C covers rock tests, which includes the indirect tensile strength test and point load test. Part D covers the common tests carried out routinely on aggregates, which includes the aggregate impact value test and Los Angeles abrasion test. Each test consists of the following descriptive parts: Objective, Standards, Introduction, Procedure, and Cost. References are made to ASTM International (ASTM), Australian (AS), British (BS) and International Society of Rock Mechanics (ISRM) standards and any differences are noted. Key Features Contains virtually all current laboratory tests for soils, rocks and aggregates in one volume. Presents the tests with the most concise and reader-friendly explanation...

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