

DETERMINATION OF
STRESS
IN
ROCK

A-State-of-the-Art-Report



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American Society for Testing and Materials

DETERMINATION OF STRESS IN ROCK— A STATE-OF-THE-ART REPORT

A symposium
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Foreword

An informal symposium on rock mechanics was held at the 69th Annual Meeting of ASTM in Atlantic City, N. J., 26 June–1 July, 1966. This state-of-the-art report was presented then.

This report is timely because of the rapidly growing expenditures of time and money being made to develop instruments and methods for determining rock stresses, the importance of which for large-scale mining and construction projects is fully recognized.

Subcommittee 12 of Committee D-18 sponsored this informal symposium resulting in the establishment of guidelines for *in situ* stress measurements.

Related ASTM Publications

**Instruments and Apparatus for Soil and Rock Me-
chanics, STP 392 (1965), \$8.50**

**Testing Techniques for Rock Mechanics, STP 402
(1966), \$14.75**

**Compilation of Procedures for Soil Testing, D-18
(1964), \$7.75**

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THIS PUBLICATION is one of many issued by the American Society for Testing and Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the ASTM technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of ASTM publications and information on the work of the Society will be furnished on request.

