



Practical Rock Mechanics

By Steve Hencher

Apple Academic Press Inc. Paperback. Condition: new. BRAND NEW, Practical Rock Mechanics, Steve Hencher, An Ideal Source for Geologists and Others with Little Background in Engineering or Mechanics Practical Rock Mechanics provides an introduction for graduate students as well as a reference guide for practicing engineering geologists and geotechnical engineers. The book considers fundamental geological processes that give rise to the nature of rock masses and control their mechanical behavior. Stresses in the earth's crust are discussed and methods of measurement and prediction explained. Ways to investigate, describe, test, and characterize rocks in the laboratory and at project scale are reviewed. The application of rock mechanics principles to the design of engineering structures including tunnels, foundations, and slopes is addressed. The book is illustrated throughout with simple figures and photographs, and important concepts are illustrated by modern case examples. Mathematical equations are kept to the minimum necessary and are explained fully-the book leans towards practice rather than theory. This text: * Addresses the principles of rock mechanics as it applies to both structural geology and engineering practice * Demonstrates the importance of and methods of geological characterisation to rock engineering * Examines the standard methods of rock mechanics testing and...



Reviews

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-- Nedra Kiehn

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Createspace, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: English. Brand New Book ***** Print on Demand *****.This childrens book is wonderfully illustrated. It has an awesome plot to draw the reader into the story. This...



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