

Atlas Copco Drilling Rig Diamec 262sdocuments2

This classic handbook deals with the geotechnical problems of rock slope design. It has been written for the non-specialist mining or civil engineer, with worked examples, design charts, coverage of more detailed analytical methods, and of the collection and interpretation of geological and groundwater information and tests for the mechanical properties of rock.

Ground Improvement, Second Edition CRC Press

Some issues include special catalog, survey and directory number.

Rock Testing and Site Characterization

The increasing need to redevelop land in urban areas has led to major development in the field of ground improvement, a process that is continuing and expanding. Vibratory deep compaction and grouting techniques have also been increasingly applied to solving the problems of urban development, whether from tunnelling, excavation, building renovation or bearing capacity improvement and settlement reduction. The second edition of this well established book continues to provide an international overview of the major techniques in use. Comprehensively updated in line with recent developments, each chapter is written by an acknowledged expert in the field. Ground Improvements is written for geotechnical and civil engineers, and for contractors working in grouting, ground improvement, piling and environmental engineering. The foundation of structures and the construction of underground railways in urban areas would be impossible without the use of diaphragm walls, grouting, anchors, micropiles, slender retaining walls, etc. Based on the author's own experience and taking into account the findings of various other authors, this book explains these methods in an intelligible manner, enabling the reader to judge for himself their suitability in construction practice. The aim of the book is to instruct experts in the correct application of grouting methods, and the correct choice of drilling systems and tools. It provides mainly practical information, and describes the most suitable, up-to-date technology available. Grouting applications in Czechoslovakia and abroad are illustrated by a series of practical examples. The book is designed for students of civil engineering faculties specializing in structural foundation, specialists of building companies, and experts in structural foundation. It will also be appreciated by experts in underground railway and tunnel construction, in structural engineering and urban development (landslides), as well as by manufacturers of the respective technology. Underground Excavations in Rock deals with the geotechnical aspects of the design of underground openings for mining and civil engineering processes.

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