

# Geotechnical Core Logging

Cores and Core Logging for Geologists New Techniques in Sediment Core Analysis Geological Methods in Mineral Exploration and Mining Engineering Geology Discontinuity Analysis for Rock Engineering Rock Mechanics for Natural Resources and Infrastructure Development - Full Papers Entity Framework Core in Action Core Logs from Owens, China, Searles, and Panamint Basins, California Cores and Core Logging for Geoscientists Mud Logging Handbook The Log Analyst Exploration Geophysics The Log Specifications and Drawings of Patents Issued from the U.S. Patent Office Mineral Exploration House documents Mining World Geologic Log Analysis Using Computer Methods Expanded Abstracts with Biographies Electrical Rules, Tables, Tests and Formulae Graham A. Blackbourn R. G. Rothwell Roger Marjoribanks David George Price Stephen Donald Priest Sergio A.B. Fontoura Jon Smith George Irving Smith Graham A. Blackbourn Alun Whittaker United States. Patent Office Willard C. Lacy John H. Doveton Andrew Jamieson

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this work provides a thorough account of coring methods and the interpretation of data gathered from core observation and analysis it covers all the necessary techniques for cutting and recovering cores wellsite handling and logging recognition of coring damage laboratory analysis logging and sampling and preservation and storage logging and interpretation are dealt with in detail emphasis is laid throughout on those features most important to the economic development of geological resources

in this volume recent advances in analytical and logging technology and their application to the analysis of sediment cores are presented developments in providing access to core data and associated datasets and advances in data mining technology in order to integrate and interpret new and legacy datasets within the wider context of seafloor studies are also discussed

this book is written as a practical field manual to effective each geologist has to develop his her be used by geologists engaged in mineral explo own techniques and

will ultimately be judged on results it is also hoped that it will serve as a text results not the process by which these results and reference for students in applied geology were reached in mineral exploration the only courses of universities and colleges the book right way of doing anything is the way that aims to outline some of the practical skills that locates ore in the quickest and most cost effective turn the graduate geologist into an explorer in a manner it is preferable however for an individual geologist it is intended as a practical how to manual to develop his or her own method of operation book rather than as a text on geological or ore after having tried and become aware of those deposit theory procedures which experience has shown to work an explorationist is a professional who searches well and which are generally accepted in industry as good exploration practices for ore bodies in a scientific and structured way although an awkward and artificial term the chapters of the book approximately follow this is the only available word to describe the low the steps which a typical exploration project totality of the skills which are needed to locate a programme would go through in chapter 1 the and define economic mineralization

this text is directed at the heart of engineering geology where geology is used to identify potential problems arising from ground conditions it describes how to investigate those conditions and to define an engineering response that will either avoid or reduce or even eliminate the problems revealed the book presents the big picture that is so often lacking when only site details are available but necessary for adequate engineering solutions

all rock masses contain bedding planes fissures fractures joints and other mechanical defects which are here referred to as discontinuities the requirement to provide numerical data on discontinuities for engineering design calculations has created the need to apply the mathematical methods of probability theory statistics vector analysis and mechanics to a topic that has previously been handled in a largely qualitative way

rock mechanics for natural resources and infrastructure development contains the proceedings of the 14th isrm international congress isrm 2019 foz do iguaçu brazil 13-19 september 2019 starting in 1966 in lisbon portugal the international society for rock mechanics and rock engineering isrm holds its congress every four years at this 14th occasion the congress brings together researchers professors engineers and students around contemporary themes relevant to rock mechanics and rock engineering rock mechanics for natural resources and infrastructure development contains 7 keynote lectures and 449 papers in ten chapters covering topics ranging from fundamental research in rock mechanics laboratory and experimental field studies and petroleum mining and civil engineering applications also included are the prestigious isrm award lectures the leopold muller award lecture by professor peter k kaiser and the manuel rocha award lecture by dr quinhua lei rock mechanics for natural resources and infrastructure development is a must read for academics engineers and students involved in rock mechanics and engineering proceedings in earth and geosciences volume 6 the proceedings in earth and geosciences series contains proceedings of peer reviewed international conferences dealing in earth and geosciences the main topics covered by the series include geotechnical engineering underground construction mining rock mechanics soil mechanics and hydrogeology

summary entity framework core in action teaches you how to access and update relational data from net applications following the crystal clear explanations real world examples and around 100 diagrams you will discover time saving patterns and best practices for security performance tuning and unit testing purchase of the print book includes a free ebook in pdf kindle and epub formats from manning publications about the technology there is a mismatch in the way oo programs and relational databases represent data entity framework is an object relational mapper orm that bridges this gap making it radically easier to query and write to databases from a net application ef creates a data model that matches the structure of your oo code so you can query and write to your database using standard

linq commands it will even automatically generate the model from your database schema about the book using crystal clear explanations real world examples and around 100 diagrams entity framework core in action teaches you how to access and update relational data from net applications you l start with a clear breakdown of entity framework long with the mental model behind orm then you ll discover time saving patterns and best practices for security performance tuning and even unit testing as you go you ll address common data access challenges and learn how to handle them with entity framework what s inside querying a relational database with linq using ef core in business logic integrating ef with existing c applications applying domain driven design to ef core getting the best performance out of ef core covers ef core 2 0 and 2 1 about the reader for net developers with some awareness of how relational databases work about the author jon p smith is a full stack developer with special focus on net core and azure table of contents part 1 getting started introduction to entity frameworkcore querying the database changing the database content using ef core in business logic using ef core in asp net core web applications part 2 entity framework in depth configuring nonrelational properties configuring relationships configuring advanced features and handling concurrency conflicts going deeper into the dbcontext part 3 using entity framework core in real world applications useful software patterns for ef core applications handling database migrations ef core performance tuning a worked example of performance tuning different database types and ef core services unit testing ef core applications appendix a a brief introduction to linq appendix b early information on ef core version 2 1

detailed logs of drill cores of quaternary lake sediments

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