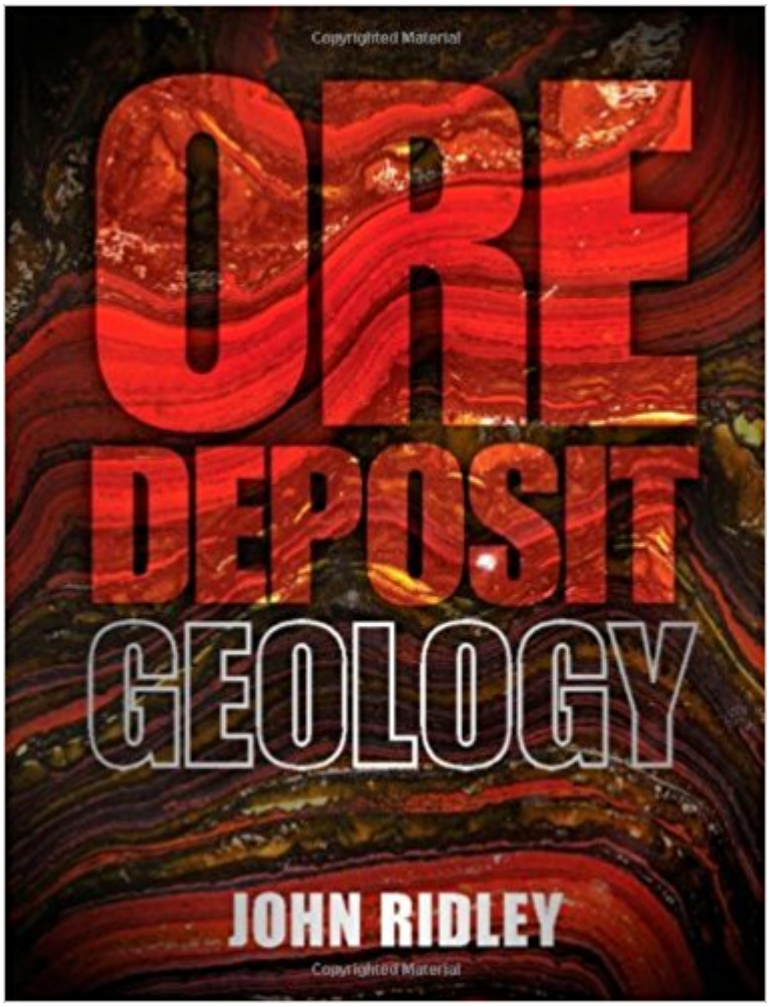
Ore Deposit Geology



Synopsis

Mapping closely to how ore deposit geology is now taught, this textbook systematically describes and illustrates the major ore deposit types, linking this to their settings in the crust, and the geological factors behind their formation. Written for advanced undergraduate and graduate students with a basic background in the geosciences, it provides a balance of practical information and coverage of the relevant geological sciences, including petrological, geochemical, hydrological and tectonic processes. Important theory is summarized without unnecessary detail and integrated with students' learning in other topics, including magmatic processes and sedimentary geology, enabling students to make links across the geosciences. Students are supported by further reading, a comprehensive glossary, and problems and review questions that test the application of theoretical approaches and encourage students to use what they have learnt. A website includes visual resources and combines with the book to provide students and instructors with a complete learning package.

Book Information

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Customer Reviews

"This is ore deposit geology the way most professional economic geologists think, using deposit descriptions as a basis for understanding genetic processes. It is clearly structured, simply illustrated and lucidly explained. This book will be appreciated by students, teachers and professional geologists for its clarity of expression and scholarship of content." - Dr Noel C. White - Consulting Economic Geologist and Honorary Research Professor, CODES, University of Tasmania"If you've been searching for a modern textbook on metallic ore deposits, this is a good

choice. Incorporating recent observational and theoretical advances, excellent graphics, an accessible treatment of chemical processes, and end of chapter questions, this book appears ideal for undergraduate geology majors." - Professor Donald M. Burt - School of Earth and Space Exploration, Arizona State University"In this textbook, the author combines up-to-date scientific literature with well-structured discussions on ore-forming processes. This results in stimulating and insightful chapters, which provide students and teachers with an extremely useful tool. The end-of-chapter boxes and questions provide great pedagogic support for courses." - Dr. Paolo S. Garofalo - Geological & Environmental Sciences Department, Universit... di Bologna"... [the] layout, [the] clear presentation of the topic, the choice of sample deposits, the glossary of selected terms, and the excellent graphic material make this textbook a most useful means to study the geology of ore deposits." Geologos

Systematically describes and illustrates the major ore deposit types, and links them to their settings in the crust, and the geological factors behind their formation. It provides a balance of practical information and the background science for advanced undergraduate and graduate students. Includes end-of-chapter questions and online visual resources.

A clear and concise up-to-date explanation of ore types and geochemical formation processes. The author carefully organizes and summarizes information without delving too far into poorly-supported alternatives, yet does not fail to mention secondary factors that may play a role. The result is a text full of relevant, organized information, and very little of the tedium that crops up somewhere in most texts. Professor Ridley also eschews informative geochemical diagrams like those showing stability of iron and manganese sulfides, oxides, and carbonates, which might be considered a fault; but these diagrams require a lot of expert interpretation and a grasp of relevance to actual contexts so the author provides the interpretation instead. Even the descriptions and maps of actual deposits around the world appear to have been carefully filtered to best exemplify the processes (rather than simply using the most thoroughly studied locations).

This is a very comprehensive book on ore formations. The sections on hydrothermal processes is exceptional and exhaustive. While well written, to fully gain the knowledge contained, it has to read several times. There is a lot of information presented which takes a bit of effort to absorb. This is a must read for anyone trying to understand the genesis and morphology of economic minerals.

As a text for a Senior/graduate level economic geology class it works very well.

Great book for educational use.

Great author and book!

Not a big fan of this book. A lot of the graphics does not have all the explanation on it.Not a easy read at all.

is this some kind of a bad joke. 50 bucks for a book

Ore Deposit Geology Structural Geology of Canadian Ore Deposits; Volume II (Commonwealth Mining and Metallurgical Congress, 6) Structural Geology of Canadian Ore Deposits A Symposium, 1948, 948 pages with illustrations. Geology for beginners: Easy course for understanding geology (Geology explained) The Chinese Cornerstone of Modern Banking: The Canton Guaranty System and the Origins of Bank Deposit Insurance, 1780-1933 (Legal History Library - Studies in the History of Private Law 6) Deposit Insurance around the World: Issues of Design and Implementation (MIT Press) Bank Valuation and Value Based Management: Deposit and Loan Pricing, Performance Evaluation, and Risk, 2nd Edition (Business Books) Deposit Register Wills' Mineral Processing Technology, Eighth Edition: An Introduction to the Practical Aspects of Ore Treatment and Mineral Recovery Wills' Mineral Processing Technology, Seventh Edition: An Introduction to the Practical Aspects of Ore Treatment and Mineral Recovery Wills' Mineral Processing Technology: An Introduction to the Practical Aspects of Ore Treatment and Mineral Recovery The Pun Also Rises: How the Humble Pun Revolutionized Language, Changed History, and Made Wordplay M ore Than Some Antics Ore Deposits As Related To Structural Features Minerals and Rocks: Exercises in Crystal and Mineral Chemistry, Crystallography, X-ray Powder Diffraction, Mineral and Rock Identification, and Ore Mineralogy Trap Magmatism and Ore Formation in the Siberian Noril'sk Region: Volume 1. Trap Petrology; Volume 2. Atlas of Magmatic Rocks (Modern Approaches in Solid Earth Sciences) Oracle - River of Ore (Volume 3) PORTLAND (Ore.) - The Delaplaine 2017 Long Weekend Guide (Long Weekend Guides) Portland (Ore.) - 2017 (The Food Enthusiast's Complete Restaurant Guide) Roadside Geology of Colorado (Roadside Geology Series) Hiking Grand Canyon's Geology (Hiking Geology)