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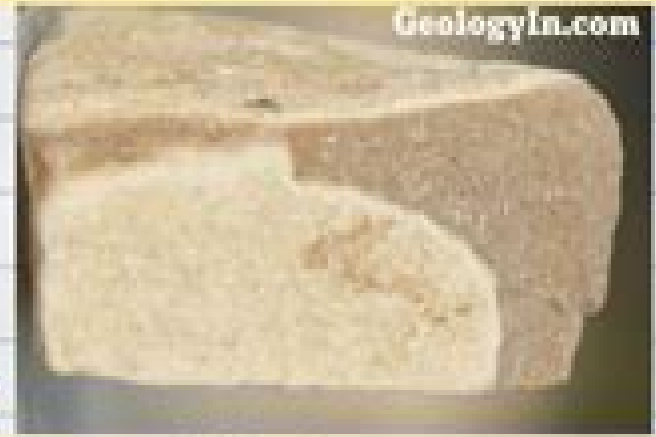
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# Sedimentary Rocks

**Rebecca Hirsch**



## **Sedimentary Rocks:**

**Sedimentary Rocks in the Field** Maurice E. Tucker, 1996-04-19 Sedimentary rocks are widely distributed at the Earth's surface their accurate description is essential for the interpretation of depositional environments palaeo geography This book describes how these rocks may be observed recorded mapped *What Are Sedimentary Rocks?* Jennifer Culp, 2015-12-15 This book serves as an introduction to sedimentary rocks a physical feature of the environment that tells us a great deal about the Earth's geological history its current state and the shape of things to come **Sedimentary Rocks and the Rock Cycle** Joanne Mattern, 2005-12-15 Discusses what sedimentary rocks are and explains how they are formed *What Are Sedimentary Rocks?* Frances Nagle, 2017-07-15 One of the primary areas in the Earth science curriculum is learning about the rocks that make up Earth's crust However remembering each type and how it forms may be a challenge for some This volume presents readers with a simple but full overview of the formation of sedimentary rock Full color photographs display common types of sedimentary rock including sandstone shale and breccia Including explanations of key terms such as sediment and stratification the main content and fact boxes will greatly complement classroom learning for readers of all levels *Sedimentary Rocks* Chris Oxlade, 2011 Learn about sedimentary rocks what they are how they form and what they can be used for *Sedimentary Rocks in the Field* Dorrik A.V. Stow, 2005-03-30 Ideas and concepts in sedimentology are changing rapidly but field work and data collection remain the basis of the science This book is intended as a guide to the recognition and description of sedimentary rocks in the field It aims to help students and professional geologists know what to observe and record and how best to interpret this data The emphasis is on illustrating the principal types of sedimentary rocks which is accomplished through more than 450 color photos and explanatory drawings The introductory chapter defines the main types of sedimentary rocks their classification and their economic significance The author then goes on to describe standard field techniques and provides a comprehensive summary of the principal characteristics of sedimentary rocks Additional chapters cover each of the main rock types and describe how to interpret rocks and their features in terms of depositional environments This book is an ideal field companion for undergraduate and graduate students of geology environmental sciences hydrogeology oceanography and more Professionals in petroleum geology and resource management as well as budding geologists will also find this to be an indispensable reference **BOOK JACKET** **Sedimentary Rocks** Jenny Fretland VanVoorst, 2019-08-01 Sedimentary rocks are the only type of rocks that contain fossils But that's not the only reason sedimentary rocks are important Scientists study the rocks to learn about Earth's history while other people collect the rocks for use in construction farming and even art This title introduces readers to these useful rocks including information about how to identify them how they form and how people use them Special features including a profile an activity and formation diagrams help highlight the key features of sedimentary rocks in this title for curious readers **A Look at Sedimentary Rocks** Cecelia H. Brannon, 2015-12-15 Through simple text and intriguing facts amateur geologists

will learn about sedimentary rocks including what they are how they re formed and the different kinds found on earth Young readers will recognize some of the most famous geological sites in the world through full page photos and gain a new appreciation for the earth around them *Sedimentary Rocks* Darlene R. Stille,2008 A look at what sedimentary rocks are how they are formed and what they are used for **Petrology of Sedimentary Rocks** Sam Boggs,2009-02-19 Advanced textbook outlining the physical chemical and biological properties of sedimentary rocks through petrographic microscopy geochemical techniques and field study **Chemical Composition of Sedimentary Rocks in Colorado, Kansas, Montana, Nebraska, North Dakota, South Dakota, and Wyoming** Marian A. Werner,M. Julia Horton,1967 A compilation of 2 842 analyses published before 1958 *Sediments, Diagenesis, and Sedimentary Rocks* F.T. Mackenzie,2005-11-22 This volume covers the formation and biogeochemistry of a variety of important sediment types from their initial formation through their conversion diagenesis to sedimentary rocks The volume deals with the chemical mineralogical and isotopic properties of sediments and sedimentary rocks and their use in interpreting the environment of formation and subsequent events in the history of sediments and the nature of the ocean atmosphere system through geological time Reprinted individual volume from the acclaimed Treatise on Geochemistry 10 Volume Set ISBN 0 08 043751 6 published in 2003 Comprehensive and authoritative scope and focus Reviews from renowned scientists across a range of subjects providing both overviews and new data supplemented by extensive bibliographies Extensive illustrations and examples from the field Sedimentary Rocks Ava Sawyer,2018-08 Sedimentary rocks are all around you They form from soil gravel dust and other sediment This type of rock is often affected by wind and water erosion Learn how this can change an area s landscape and how sedimentary rocks are useful *Mass Properties of Sedimentary Rocks and Gravimetric Effects of Petroleum and Natural-gas Reservoirs* Thane Hubert McCulloh,1967 Additional title page description An investigation of the basis natural factors that control the volumetric and mass properties of sedimentary rocks in situ and an examination of expected surface and subsurface gravimetric effects of low density reservoir rocks saturated with petroleum fluids *The Petrology of the Sedimentary Rocks* Frederick Henry Hatch,Robert Heron Rastall,1923 **Sedimentary Rocks** Sarah Eason,2024-08-01 About three quarters of our planet is covered with sedimentary rock so what better way to explore it than with a rock cycle road trip Discover the extraordinary science behind the rock cycle read case studies that reveal the best places on Earth to find sedimentary rocks then discover how you can find and identify rocks And at the end of this awesome journey test your new found knowledge with the rock cycle road trip quiz **Nonmarine Sedimentary Rocks of Tertiary Age in the Lake Mead Region, Southeastern Nevada and Northwestern Arizona** Robert G. Bohannon,Geological Survey (U.S.),1983 A study of the age nomenclature lithology and tectonic history of Miocene continental deposits in the transition zone between the Great Basin and Sonoran Desert **Sedimentary Rocks** Rebecca Hirsch,2014-08-01 Get ready to get your hands dirty with Sedimentary Rocks With its reader friendly and interactive approach this title covers key curriculum Earth science

topics in an engaging way This title explores the natural processes how geologists study sedimentary rocks and how sedimentary rocks relate to the reader s daily life Aligned to Common Core standards and correlated to state standards Core Library is an imprint of Abdo Publishing a division of ABDO      Sedimentary Rocks in the Field Maurice E. Tucker,2011-06-28 This fourth edition builds on the success of previous editions and for the first time is produced in full colour throughout with improved photos and diagrams It retains its popular pocket size and is an essential buy for all students working in the field The text shows how sedimentary rocks are tackled in the field and has been written for all those with a geological background It describes how the features of sedimentary rocks can be recorded in the field particularly through the construction of graphic logs In succeeding chapters the various sedimentary rock types textures and structures are discussed and shown how they can be described and measured in the field There are expanded sections on trace fossils and volcanoclastics along with updated reference list Finally a concluding section deals briefly with facies identification and points the ways towards facies interpretations and the identification of sequences and cycles Key Features Full colour throughout with improved photos figures and diagrams in a modern layout Complete revision and update of best selling textbook which is part of the highly successful Field Guide series Expanded sections on trace fossils and volcanoclastics along with updated reference list Handy pocket size with laminated cover Includes supplementary website with downloadable logging sheets for fieldwork activities      *Sedimentary Rocks* Maria Nelson,2013-08-01 Sedimentary rocks are the most visible kind of rock on Earth They are the pebbles on your favorite hiking trail and the sand on the beaches of Hawaii Readers will enjoy learning about how these unique rocks form through accessible science content and a simple graphic organizer Colorful photographs provide examples of sedimentary rocks around the world while helpful fact boxes highlight even more interesting information

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