Record Nr. UNINA9910366639603321 Autore Sarkar Subir Titolo A Synthesis of Depositional Sequence of the Proterozoic Vindhyan Supergroup in Son Valley: A Field Guide / / by Subir Sarkar, Santanu Baneriee Singapore:,: Springer Singapore:,: Imprint: Springer,, 2020 Pubbl/distr/stampa **ISBN** 981-329-551-1 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (197 pages): illustrations Collana Springer Geology, , 2197-9545 Disciplina 614.42 Soggetti Sedimentology Paleontology Geology, Structural Structural Geology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Geological Background -- Facies, Paleogeography and Sequence Stratigraphy -- Selected Traverses -- Selected Field Sections --Microbial Mat Structures Formed Within Siliciclastics -- Index. Sommario/riassunto This book offers extensive information on the course of sedimentation in the Proterozoic Vindhyan Basin and the potential record of ancient life stored within the rocks. It covers topics ranging from facies analysis to sequence-building, from carbonates to siliciclastics, and mixed lithology and life records from microbial to potentially eukaryotes, along with the basin evolutionary history. Further, the book includes 75

color photographs and accompanying hand-sketches to help readers grasp key aspects of Vindhyan Geology. Vindhyan rocks are well known for their excellent preservation of microbial record of earth. Offering a student-friendly field guide containing detailed route maps, geological maps and a wealth of visual examples, it is also extremely useful in terms of understanding the microbe-dominated environments on Mars.