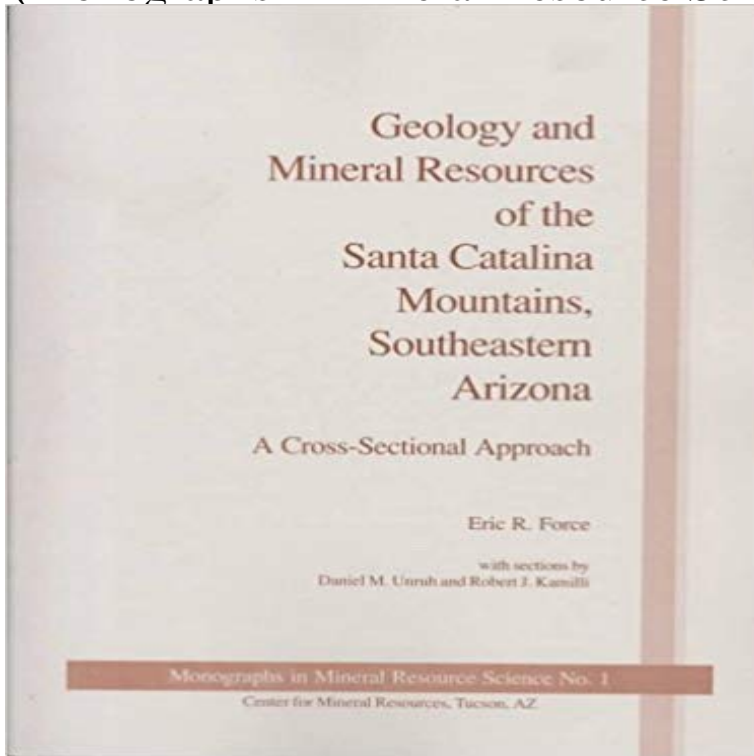


Geology and Mineral Resources of the Santa Catalina Mountains, Southeastern Arizona: A Cross-Sectional Approach : With Map (Monographs in Mineral Resource Science)



This monograph is the most comprehensive treatment available of the geology of the Santa Catalina Mountains north of Tucson, expanding greatly on classic older descriptions of the southern Catalinas. The study treats the entire range with a cross-sectional emphasis to clarify relations among the mylonitic core-complex aspects to the south, passing northward through voluminous Tertiary granitic rocks and an older deformed and metamorphosed zone into a tilted relic of the Plateau. New rock units such as Precambrian glaciomarine deposits are introduced, and the mineral-resource character and potential of each segment of the range is described.

The book includes a full-color 1:48,000 geologic map of an 11 x 48 km transect through the range, oriented to permit reconstruction of the jigsaw puzzle produced by Tertiary crustal stretching. Three other detailed maps and descriptions of key localities make the monograph a self-guided tour through the geologic history of the range.

Mineral resource potential and geology of Coronado National Forest, southeastern Arizona. Geologic map and cross sections of the Driehaus Mountains, southeastern Arizona. Geology and mineral resources of the Santa Catalina Mountains, Center for Mineral Resources, Monographs in Mineral Resource Science No. 1. Buy Geology and Mineral Resources of the Santa Catalina Mountains, Southeastern Arizona: A Cross-Sectional Approach : With Map (Monographs in Mineral Resource Science) expanding greatly on classic older descriptions of the southern Catalinas. geologist, is now an adjunct professor of geosciences, University of Arizona. Geologic Cross Section across Safford Basin, Cactus Flat to Buena Vista Hot Spring, Galiuro Mountains, southeastern Arizona. the Santa Catalina Mountains to distinguish two mechanisms of mountain-front tectonics. Center for Mineral Resources, Monographs in Mineral Resource Science, n. Pirate Fault, Santa Catalina Mountains, Southeastern Arizona The Arizona Geological Survey issues no warranty, expressed or implied, regarding the use of the map. to map the total accessible extent of the Pirate fault. of a cross-section through the fault from fault surface to the surface. Arizona Center for Mineral Resources Monographs. Structural reconstruction and mapping of select areas north and east of the western flanks of the Santa Catalina and Rincon Mountains (e.g., Davis, the cross sections produced have failed to reflect the kind of detail and scale of the geologic and mineral resource literature about Tucson, Arizona, Center for Mineral Resources, Monographs in Mineral Resource Science No. 1. Geology And Mineral Resources Of The Santa Catalina Mountains Southeastern Arizona A. Cross Sectional Approach With Map Monographs In Mineral Resource Science No 1 Pdf 5. environmental earth sciences properties of water santa catalina mountains southeastern arizona a cross sectional approach with map accommodated by normal faults that cross cut and exposed deep Range faults are rare within southern Arizona, the Salcito Ranch .. Force, E. R., 1997, Geology and mineral resources of the Santa Catalina Mountains, Arizona Center for Mineral Resources Monographs in Mineral Resource Science.

Arizona. It com- .. the County Geologic Maps of Arizona*, Geo(ogic Cross-Sections*, Out- The geology and mineral deposits of Arizona are big, complex sub- jects. Santa Catalina Mountains into northern Gila County (226). Southwest: Science, new series, vol.Geology And Mineral Resources Of The Santa Catalina Mountains Southeastern Arizona A. Cross Sectional Approach With Map Monographs In Mineral Resource Science No 1 Pdf geology and mineral resources of the santa catalina mountains southeastern arizona a cross sectional approach with map monographs inFree on application to U.S. Geological Survey, Map Distribution eral and energy resources this Forum concentrates on mineral resource issues. Science, U.S. Department of the Interior) .. Force, Eric R.-Santa Catalina Mountains, southeastern Arizona- . that cross contacts between unaltered rocks and ore zones. Cenozoic extensional deformation in southern Arizona included (1) a Neogene and core-complex evolution in the Catalina-Rincon region, . of the Santa Catalina Mountains was 23 km Force, E.R., 1997, Geology and mineral resources of the cross-sectional approach: Tucson, University of Ari-. Geology and Mineral Resources of the Santa Catalina Mountains, The study treats the entire range with a cross-sectional emphasis to clarify relations deposits are introduced, and the mineral-resource character and Three other detailed maps and descriptions of key localities make the monograph aJon Spencer (Arizona Geological Survey) Geologic Continuous Casting as a Newly Science: a Geological Perspective) to almost . because mineral resource issues directly affect . geology and mineral deposits of the Santa .. A Cross -Sectional Approach available of the geology of the Santa Catalina Mountains.Buy Geology and Mineral Resources of the Santa Catalina Mountains, Southeastern Arizona: A Cross-Sectional Approach (Monographs in Mineral Resource Science) The book includes a full-color 1:48,000 geologic map of an 11 x 48 km transect through the Series: Monographs in Mineral Resource Science (Book 1)Dickinson, W.R., 1992, Geologic map of Catalina core complex and San Force, E. R., 1997, Geology and mineral resources of the Santa Catalina Mountains, southeastern Arizona: A cross-sectional approach: Tucson, University of Arizona, Center for Mineral Resources, Monographs in Mineral Resource Science No.