

GEOCHEMICAL EXPLORATION AND MODELLING OF CONCEALED TERRESTRIAL AND OFFSHORE MINERAL DEPOSITS

Author:

Ashoke K. Talapstra, Dy. Director General (Retd.), Geological Survey of India

About the Book:

Potential mineral belts in global perspective in different geotectonic frame have been discussed in this book to suggest new mineral belts for modelling and geochemical exploration. Under such conditions, be it for land deposit or offshore deposit, application of statistical methods with qualitative and, wherever possible, quantitative earth science data for evaluation of mineral resources has become common in recent times. Computerized approaches adopted for this has been discussed with Indian examples which are also equally applicable to any mineral deposits around the globe and those of South and South East Asia in particular. However, the main objective of modelling is to delineate the body geometry of the deposit in three dimensions. In this endeavor mineralized belts of different parts of Precambrian Continental Crust of the world have been highlighted with emphasis on REE and Rare Metals which are in great demand in recent times. This book is written in a manner to serve as a guide to field geologists, geochemists, students, research scholars and scientists interested in earth science for exploration of mineral deposits and for evaluation of their resources.

Co-Published with Springer and sold and distributed by them in all countries excepting SAARC region.

2020 HB 978-93-81891-53-7 224 pp Rs. 1295/-