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Autore	Talapatra Ashoke K.
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Nota di contenuto	1. Modelling with earth science data -- 2. Models for different types of deposit -- 3. Geochemical exploration of mineral deposits -- 4. Different types of geochemical surveying -- 5. Non-conventional techniques for concealed deposits -- 6. Application of modelling and geochemical techniques for REE and rare metal exploration -- 7. Standard analytical methods for geo-samples -- 8. Suggestions for future work -- Index.
Sommario/riassunto	This book discusses potential mineral belts in various geotectonic regions around the globe, with a particular focus on concealed deposits, in order to highlight new areas for geochemical exploration and modelling. In recent years, the application of statistical methods using qualitative and, wherever possible, quantitative earth science data has become increasingly common for the evaluation of both offshore and terrestrial mineral resources. The book examines these approaches and provides examples from India, which are also applicable to deposits around the world, particularly those in South and South East Asia. The main objective of geochemical exploration and modelling is to present the geometry of the deposit in three dimensions. As such, the book describes the various conventional and non-conventional techniques of exploration geochemistry, especially in

the context of concealed terrestrial and offshore mineral deposits. It serves as a guide for field geologists, geochemists, students, research scholars and scientists interested in earth science for the exploration of concealed mineral deposits and evaluation of their resources.
