

1. Record Nr.	UNINA9910633976003321
Titolo	Geochemistry and mineral resources // edited by Hosam M. Saleh, Amal I. Hassan
Pubbl/distr/stampa	London : , : IntechOpen, , 2022 ©2022
ISBN	1-80355-775-3
Descrizione fisica	1 online resource (182 pages)
Disciplina	553
Soggetti	Mines and mineral resources Geochemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. A Review on Elemental and Isotopic Geochemistry. 2. Geochemistry Applied to the Exploration of Mineral Deposits. 3. Mineralogy and Geochemistry of Shales of Mamu Formation in Nigeria: Effects of Deposition, Source Rock, and Tectonic Background. 4. Petroleum Geochemistry. 5. Prospectivity Mapping Using Stream Sediment Geochemistry along the Orange River Catchment for Base Metal, Prieska, Northern Cape, South Africa. 6. Proterozoic Newer Dolerite Dyke Swarm Magmatism in the Singhbhum Craton, Eastern India.
Sommario/riassunto	Geochemistry is crucial in understanding and controlling environmental concerns. The effects of global warming are also being monitored through geochemical measurements in the atmosphere and oceans. Increasingly sensitive instrumentation enables continuous monitoring of pollution levels in the air, water, and on land, allowing high-quality data to support and enforce environmental regulations governing emissions. As a result, geochemistry has become an essential part of scientific and political discussion on many environmental challenges. Improving our knowledge of life on Earth may be the most essential job done by geochemists. This book includes a variety of data relevant to geochemistry and highlights research related to mineral wealth and mining and the development of strategies and scientific standards to significantly increase oil exploitation in the long term. It also provides

information on the effects of geochemical components on humans and the environment, as well as environmental and geochemical exploration surveys through sediments.

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