Review of the Book: "Analytical Techniques for Trace Elements in Geochemical Exploration" by Dr. Raghaw Saran

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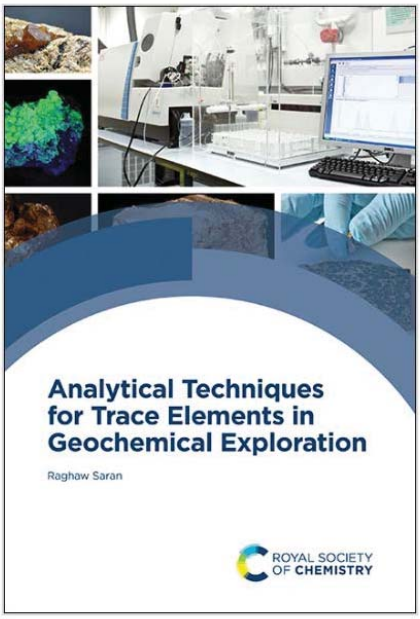
Geochemical explorations are of paramount importance in optimally using the resources, thereby strengthening the economy. Trace element's analysis requires application of state-of-the-art techniques so as to detect and / or quantify them with utmost sensitivity and selectivity. The book *Analytical Techniques for Trace Elements in Geochemical Exploration* provides a comprehensive treatise of hitherto reported analytical techniques that could be used for geochemical analysis of multitude of samples.



The book is comprised of sixteen chapters, each one deals with a particular technique. Coverage of wide spectrum analytical techniques, ranging from UV-Vis spectrophotometry to ICP-MS with hyphenated techniques, meets the requirement of every laboratory according to their budget and projects. Description of sample preparation methods, wet chemistry and sample collection procedures are special features of this book which do not limit its scope to only instrumental techniques. Amongst various techniques described in the book, ICP-MS are of special mention as they offer highest sensitivity with attractive dynamic linearity range. Discussion on statistical treatment in the context of geochemical trace elements analysis makes this work worth reading for analysts. Provision of reference standards for each kind of sample and analytical technique would have also been very useful.

This book is a reader friendly text, covering all of the mainstream analytical techniques used by geochemical explorers, analysts and researchers. The book will also be of benefit to students embarking on research careers through PhD or other research degree.

Link for the book: https://pubs.rsc.org/en/content/ebook/978-1-83916-572-6

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DOI: 10.59143/isas.jisas.1.3.UIFV4714