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Titolo	Mineral Exploration: Practical Application / / by G.S. Roonwal
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ISBN	981-10-5604-8
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Descrizione fisica	1 online resource (298 pages) : illustrations
Collana	Springer Geology, , 2197-9545
Disciplina	622.1
Soggetti	Mines and mineral resources Geology—Statistical methods Geology, Structural Geology, Economic Mineral Resources Quantitative Geology Structural Geology Economic Geology
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Chapter 1: The Search for Ore Deposits and Chances of Success -- Chapter 2: Composition of the Earth and Mineral Resources -- Chapter 3: The Search for Ore Deposits and Chances of Success -- Chapter 4: Remote Sensing in Mineral Exploration -- Chapter 5: Survey in Exploration -- Chapter 6: The Statistical Treatment of Exploration Data and Compute Application -- Chapter 7: Interpretation and Exploration Data -- Chapter 8: How to Arrive at Decision to Open a Mine -- Chapter 9: How to Arrive at Decision to Expand Operative Mines.
Sommario/riassunto	The book introduces essential concept of mineral exploration, mine evaluation and resource assessment of the discovered mineral deposit to students, beginners and professionals. The book is divided into nine chapters which will help the readers to incorporate the concepts of search for mineral deposits and understand the chances of success. The book discusses the fundamental details like composition of earth and mineral resources, formation of rock and mineral deposits, and the attempt to search for ore deposits to advance applications of remote

sensing in mineral exploration. It also covers the details on how to conduct system of survey, evaluation, and how to arrive at a decision to open and carryout further exploration in the operating mine. The book shall be of great interest to geologists and mining community.
