

1. Record Nr.	UNINA9910961984103321
Titolo	The ore minerals under the microscope : an optical guide // edited by Bernard Pracejus
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier, 2008
ISBN	9786611911317 9781281911315 1281911313 9780080931647 0080931642 9780444627377 0444627375
Edizione	[1st ed.]
Descrizione fisica	1 online resource (1119 p.)
Collana	Atlases in geoscience, , 1574-1966 ; ; 3
Altri autori (Persone)	PracejusBernhard
Disciplina	549.028
Soggetti	Ores Minerals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; The Ore Minerals Under the Microscope; Copyright; Table of Contents; Acknowledgements; Preface to the Second Edition; Explanations & Abbreviations; Textures; Magmatic Environments; Post-magmatic Environments; Post-magmatic Environments; Metamorphic Environments; Sedimentary Environments & Soils; Supergene Replacement; Biomineralisation; Optical Characteristics - Search Index; Mineral Descriptions; I - Elements; I/A - Metallic and Intermetallic Compounds, Carbides, Nitrides, Phosphides, and Silicides; Copper, native I/A.01-010; Silver, native I/A.01-020; Gold, native I/A.01-040 Auricupride I/A.01-050Moschellandsbergite I/A.02-030; Potarite I/A.02-090; Aluminium, native I/A.03-005; Cadmium, native I/A.04-040; Lead, native I/A.05-020; Iron, native I/A.07-010; Kamacite I/A.07-020; Wairauite I/A.07-030; Taenite I/A.08-020; Awaruite I/A.08-040; Cohenite I/A.09-050; Carlsbergite I/A.10-020; Sinoite I/A.10-050; Schreibersite I/A.11-020; Gupeite I/A.12-030; Xifengite I/A.12-040; Fersilicite I/A.12-050; Hexaferrum I/A.13-015; Osmium I/A.13-020;

Ruthenium I/A.13-030; Rutheniridosmine I/A.13-040; Iridium I/A.14-030; Platinum, native I/A.14-070; Hongshiite I/A.14-090
 Isoferroplatinum I/A.15-010; Tulameenite I/A.15-030; Atokite I/A.16-020; Niggliite I/A.16-040; Stannopalladinite I/A.16-050; Palarstanide I/A.16-060; Plumbopalladinite I/A.16-070; Paolovite I/A.17-010; Cabriite I/A.17-020; Taimyrite I/A.17-030; Tatyanaite I/A.17-040; I/B - Semimetals and Nonmetals; Arsenic, native I/B.01-010; Stibarsen I/B.01-020; Antimony, native I/B.01-030; Bismuth, native I/B.01-040; Arsenolamprite I/B.01-050; Graphite I/B.02-010; Sulfur, native I/B.03-010; Selenium, native I/B.03-030; Tellurium, native I/B.03-040; Silicon, native I/B.05-010
 I/X - Unclassified Strunz Elements Amalgam I/X.00-000; II - Sulfides and Sulphosalts; II/A - Alloys and Alloy-like Compounds, with Copper, Silver, Gold, and Nickel; Algodonite II/A.01-010; Domeykite II/A.01-020; Koutekite II/A.01-050; Cuprostibite II/A.01-070; Allargentum II/A.02-010; Dyscrasite II/A.02-020; Maucherite II/A.04-030; Atheneite II/A.05-010; Arsenopalladinite II/A.05-040; Isomertieite II/A.05-050; Stibiopalladinite II/A.05-080; Palladodymite II/A.05-102; Rhodarsenide II/A.05-105; Chrisstanleyite II/A.06-030; Tischendorfite II/A.06-040; Telargpalite II/A.07-010
 Keithconnite II/A.07-020; Oulankaite II/A.07-035; Temagamite II/A.07-050; II/B - Sulfides with Metal : Sulfur, Selenium, and Tellurium > 1 : 1; Chalcocite II/B.01-010; Djurleite II/B.01-020; Digenite II/B.01-030; Anilite II/B.01-050; Betekhtinite II/B.02-010; Bornite II/B.02-030; Berzelianite II/B.03-010; Crookesite II/B.03-030; Umangite II/B.03-050; Weissite II/B.04-010; Rickardite II/B.04-020; Argentite II/B.05-002; Acanthite II/B.05-010; Naumannite II/B.05-030; Hessite II/B.05-040; Jalpaite II/B.06-010; Stromeyerite II/B.06-030; Eucairite II/B.06-040; Fischesserite II/B.07-050
 Petzite II/B.07-060

Sommario/riassunto

The Ore Minerals Under the Microscope: An Optical Guide, Second Edition, is a very detailed color atlas for ore/opaque minerals (ore microscopy), with a main emphasis on name and synonyms, short descriptions, mineral groups, chemical compositions, information on major formation environments, optical data, reflection color/shade comparison with four common/standard minerals of a similar color or grey shade, and up to five high-quality photos for each mineral with scale. In addition, the atlas contains a compilation from some of the prominent publications in the field of ore microscopy prese