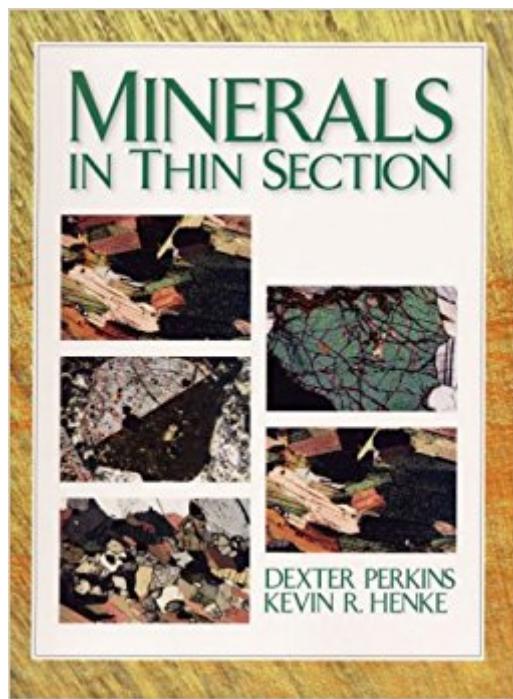


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# Minerals In Thin Sections



## **Synopsis**

From the author of Mineralogy comes a concise, straightforward, and balanced presentation of the theory and techniques of optical mineralogy for mineral identification. Designed for students to have on hand in the laboratory, Minerals in Thin Section is the perfect supplement for mineralogy, optical mineralogy, and petrography courses. Includes: Part I: Theoretical Considerations--discussing the interaction of minerals and light, the properties of minerals in thin section, and the most practical aspects of optical mineralogy Part II: Identifying Minerals in Thin Sections--describing in detail the most common and significant or special minerals (a complete list can be found inside the back cover), including: name, formula, occurrence, distinguishing features, similar minerals, properties and interference figures, color, form, cleavage, relief, interference colors, extinction and orientation, ant twinning. Box 2 (inside front endpaper) provides a straightforward process users can follow in order to determine a mineral's properties. Contains 32 pages of color photographs, including at least one for each of the 58 minerals described in detail, to illustrate the minerals in thin sections and to help students with mineral identification Appendices--containing additional information on: Common Opaque Minerals; Isotropic Minerals Ordered by Refractive Index; Uniaxial Minerals Sorted by Optic Sign and Ordered by Refractive Index; Biaxial Minerals Sorted by Optic Sign and Ordered by Refractive Index; Minerals Ordered by Interference Colors and Sorted by Optic System and Optic Sign; and a Alphabetical List of Minerals and Mineral Properties

## **Book Information**

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## **Customer Reviews**

This spiral bound manual serves as a nice companion to Petrology lab work. The color photographs

of thin sections are the strong point of the manual. The organization, however, is the weak point. I find myself having to look up each mineral in the index in order to find it in the book --there does not seem to be any logical organization to the entries. Like I said, the photos are very helpful, but be prepared to spend time hunting for what you're looking for.

My colleagues have the newer version to this and upon comparison I have found that this version is complete, but poorly organized. Definitely useful, but anyone that needs it as a speedy reference will need to tab or label the pages because the book does not even contain page numbers. Overall....I would stick to this version due to the massive savings. I spent 7.00 whereas my colleagues spent nearly 50.00 on the newer version that contains the same exact images, but is just better put together.

I needed this reference book for some tests towards the end of the semester. It arrived sooner than I expected. Thanks for the thin section reference.

Perfect. I use this all the time in my mineralogy optics course

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