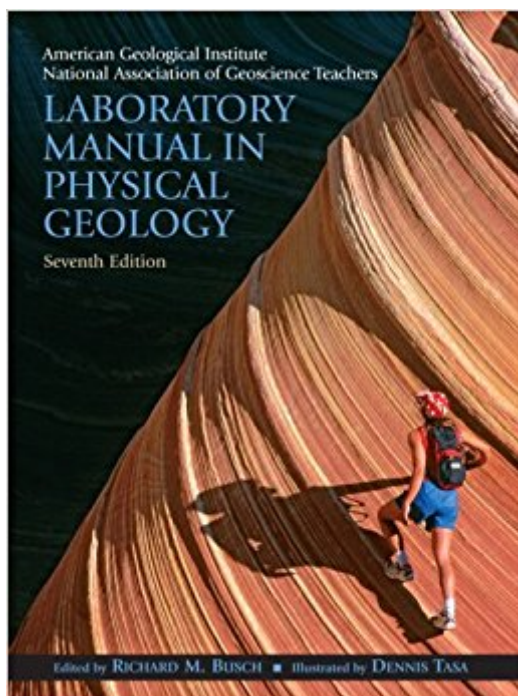


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# Laboratory Manual In Physical Geology (7th Edition)



## Synopsis

Revised throughout for enhanced clarity and accuracy -- and with a greater emphasis on the process of science -- this user-friendly, best-selling laboratory manual examines the basic principles of geology and their applications to everyday life. Students are encouraged to view these principles in terms of natural resources, natural hazards, and human risks. This trusted resource features contributions from highly regarded geologists and geoscience educators, with an exceptional illustration program by Dennis Tasa.

## Book Information

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## Customer Reviews

A lab manual placing great emphasis on student understanding of the earth as a complex, evolving system having interacting processes and cycles of change; designed for the introductory course (lab component) in physical geology. Practical consistent exercise format, concise background information, 15 exercises, and full-color illustrations. Includes Internet Activities. --This text refers to an out of print or unavailable edition of this title.

**Key Benefit:** With the input of more than 100 contributing authors and peer reviewers, *Laboratory Manual in Physical Geology* is the most richly-illustrated, state-of-the art, user-friendly laboratory available for introductory geology and geoscience. **Key Topics:** This manual consists of fifteen laboratories on the most widely-requested topics. Each laboratory is comprised of introductory materials, 3-7 laboratory exercises, and handy tear-out worksheets. Laboratories are written in a consistent, user-friendly style and format based on contributions from 45 geologists and geoscience

educators. A highly flexible format allows to pick and choose labs. Stimulating visuals! Dennis Tasa, a highly-respected geology illustrator, provides superior art that is pedagogically effective and geologically accurate. Also included is an abundance of high-quality photographs, images, stereograms, maps, and charts to reinforce the visual aspect of geology and enhance student learning. --This text refers to an out of print or unavailable edition of this title.

I was in a bind when it was time to buy my textbooks, so I bought the the 7th edition instead of the \$65 used copy of the 8th edition at college. This served me very well in my geology lab, and all of the transparent sheets were included. What a steal!

Bought a used version of this lab book and it was in great shape (missing two pages but that's expected with a used one). The book is a great tool for any beginner geology course with great pictures and descriptions. Definitely a great buy.

I bought this book for school, since my school was out of the book and this one was cheaper. It does the job, it is probably less expensive than your school, and you can't get a used one because usually some of the pages you need are missing.

Good condition, came promptly. Only problem was that when I got to class, I found out that I needed the 8th edition, not the 7th edition. This was frustrating because when I typed in the ISBN # in .com, this is the book that came up.

This "lab manual" is VERY thick and far too wordy. Really, it's more of a spiral-bound textbook than a lab manual. Additionally, the lab questions appear in list format at the end of each section, so there is virtually no standardized answersheet for students to record their work on. That not only makes it harder on the students, but efficient grading is nearly impossible unless the instructor makes his/her own taylor-made answer sheets for the students to use on EACH lab. As if that weren't bad enough, the lab manual's companion web site is horrid. I am amazed that the AGI and the NAGT produced this lab manual.

I inherited this lab manual when I started teaching physical geology this semester, and I told my students to return it to the bookstore. It contains factual errors (such as referring to hornblende and other non-metallic minerals as metallic, which they are not - metallic minerals are opaque in thin

section), and the pedagogy is highly questionable. In the rock and mineral sections, it relies too heavily on photographs. Students already have a tendency to want to simply match minerals and rocks to pictures, which doesn't work, and this book encourages this. The book is too much talk and not enough action. Students in a lab should be guided to work with objects, not to simply answer questions out of a book. There is too much explanation provided, with little left for students to figure out on their own. Labs should be presented to students as mysteries to be solved, and this book takes all the mystery out of everything.

Publishers are driving me nuts with their inflated prices...they made a small number of edition #6 which was considered their best one and then let their supplies run out so that schools would have to buy their "new" one. After flipping through it, it is clear that it is nearly identical to the sixth edition lab manual. Such a waste.

I found this manual to be straightforward in its instructions and logically ordered in its activities. It also has a nice section for identifying different rocks and minerals.

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