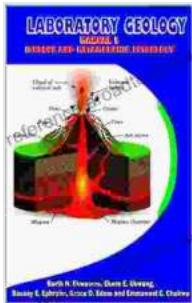


# Laboratory Geology Manual: Igneous and Metamorphic Petrology



## Laboratory Geology Manual 3: Igneous and Metamorphic Petrology by Barth Ekwueme

★★★★☆ 4.6 out of 5

Language	: English
File size	: 95151 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 79 pages
Lending	: Enabled



## Unlocking the Secrets of Earth's Building Blocks

Welcome to the fascinating realm of geology, where you will embark on a journey of discovery through the captivating world of rocks. "Laboratory Geology Manual: Igneous and Metamorphic Petrology" is your indispensable guide to understanding the origins, compositions, and significance of these geological marvels.

## A Comprehensive Exploration

This comprehensive manual provides a thorough exploration of two major rock types: igneous and metamorphic. Through a series of engaging laboratory exercises, you will:

- Identify the minerals that make up rocks

- Determine the textures and structures of rocks
- Classify rocks based on their composition and origin
- Apply techniques used by professional geologists

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Each laboratory exercise is meticulously designed to foster understanding and engagement. Clear instructions, detailed illustrations, and precise data recording ensure that you fully grasp the concepts being explored. You will learn about:

- The formation of igneous rocks from molten magma
- The processes that transform sedimentary and igneous rocks into metamorphic rocks
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## **Essential Reading for Geology Enthusiasts**

Whether you are a seasoned geologist or just starting your exploration of this captivating subject, this manual is an invaluable resource. It offers:

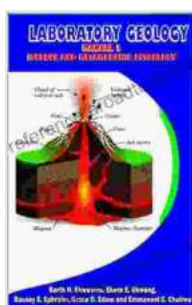
- A comprehensive overview of igneous and metamorphic petrology

- Hands-on laboratory exercises to enhance understanding
- Real-world examples that illustrate the relevance of geology

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