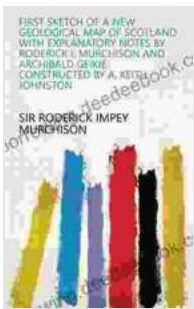


First Sketch of a New Geological Map of Scotland, with Explanatory Notes

The Geological Survey of Scotland (BGS) has released the First Sketch of a New Geological Map of Scotland, a comprehensive and detailed map that provides a thorough overview of the country's geological history and evolution.



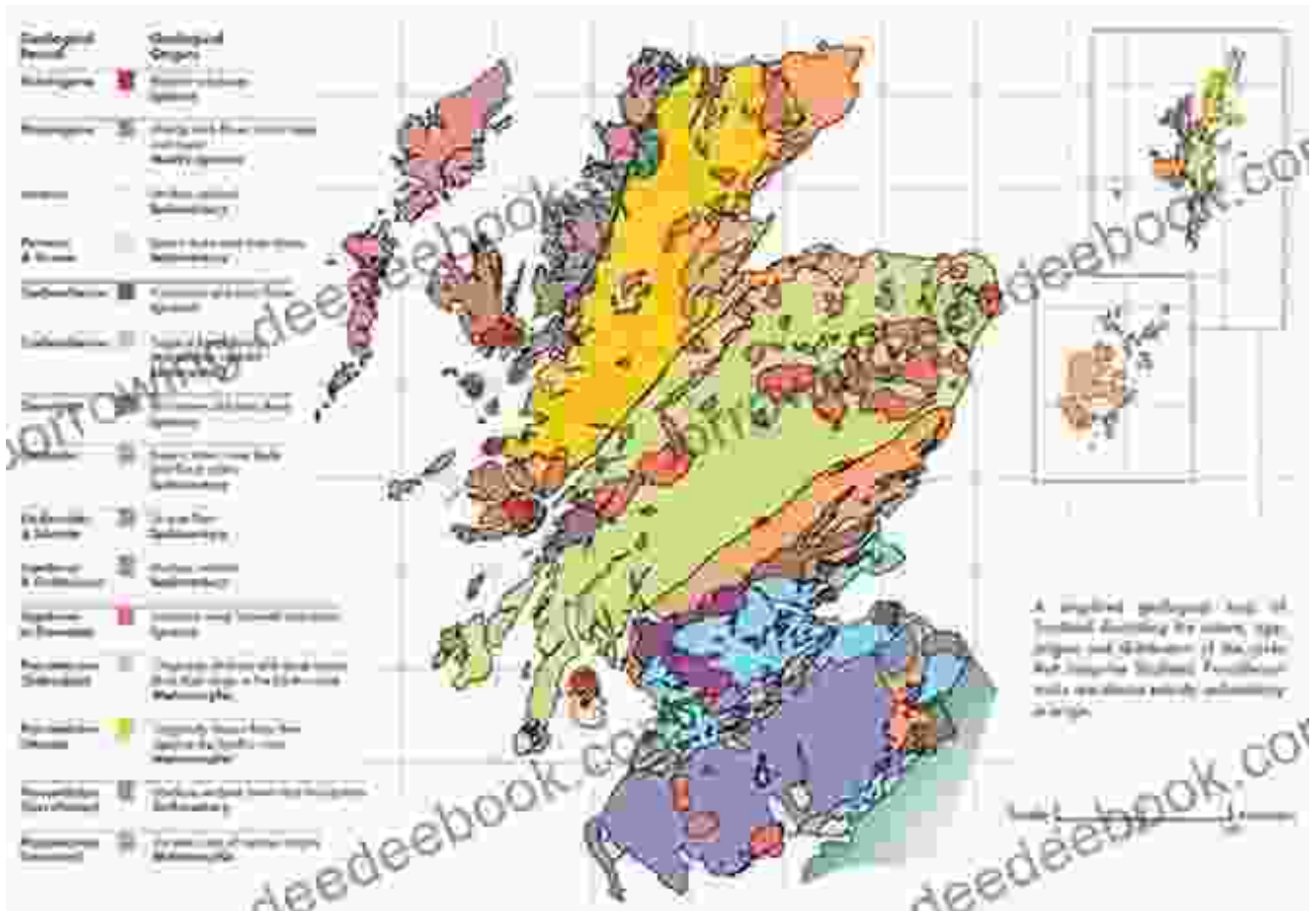
First Sketch of a New Geological Map of Scotland with Explanatory Notes by Roderick I. Murchison and Archibald Geikie: Constructed by A. Keith Johnston

by Raven St. Pierre

★★★★☆ 4.5 out of 5

Language : English
File size : 1857 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 40 pages





The Map and Its Features

The new geological map of Scotland is the result of extensive research and mapping by the BGS. It is presented at a scale of 1:250,000, providing a broad-scale view of the country's geology. The map is divided into four sheets, covering the following areas:

- Sheet 1: Northern Highlands and Islands
- Sheet 2: Southern Highlands and Midland Valley
- Sheet 3: Southern Uplands and Borders
- Sheet 4: Central and Eastern Scotland

The map utilizes a variety of colors and symbols to differentiate between different types of rocks and geological formations. It includes detailed information on the following:

- Bedrock geology
- Superficial deposits
- Faults and geological structures
- Mineral deposits
- Economic geology

Explanatory Notes

Accompanying the geological map is a comprehensive set of explanatory notes. These notes provide detailed descriptions of the various geological units shown on the map, including:

- Lithology (rock types)
- Stratigraphy (rock sequences)
- Geological structures
- Geological history
- Economic geology

The explanatory notes also include numerous figures, diagrams, and photographs to illustrate the geological concepts and features described on the map.

Significance of the Map

The new geological map of Scotland is a valuable resource for a wide range of users, including:

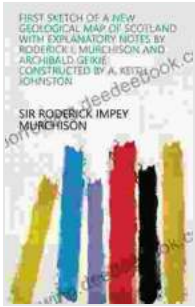
- Geologists
- Geographers
- Environmental scientists
- Land-use planners
- Educators
- General public

The map provides essential information for understanding the geological processes that have shaped Scotland's landscape and natural resources. It can be used for:

- Identifying geological hazards
- Assessing mineral resources
- Planning land-use developments
- Educating students about geology
- Understanding the geological history of Scotland

The First Sketch of a New Geological Map of Scotland, with Explanatory Notes is a major achievement in Scottish geological research. This map provides a comprehensive overview of the country's geology, making it an invaluable resource for a wide range of users.

The map and accompanying explanatory notes are available from the BGS website.



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