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## An Introduction to Igneous and Metamorphic Petrology by ...

Igneous rock is formed when liquid rock freezes into solid rock. This molten material is called magma when it is in the ground and lava when it is on the surface. Only the Earth's outer core is liquid; the Earth's mantle and crust are naturally solid.

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5.0 out of 5 stars Advanced Igneous petrology text, written at grad-school (5th year) level Reviewed in the United States on November 25, 2012 Middlemost is a good writer; this text cleans up a lot of confusion that might kick in part-way throuth 3rd year ig-pet courses, or beyond.

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### An introduction to igneous and metamorphic petrology ...

Igneous rocks are the oldest type of rock and is a volcanic rock. It comes from deep in the earth where magma is formed. When the magma reaches the earths surface and turns into lava, it cools and turns into igneous rock. This type of rock may have crystals, air bubbles or a glassy surface.

## **INTRODUCTION TO ROCKS - Geology Rocks!**

An introduction to igneous rocks requires exploration of three core ideas. Each of these is introduced simplistically below, and then further explored in other pages of the site. Formation, Classification, and Identification of Igneous Rocks (next).

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Middlemost, E A.K. Wed . "Magmas and magmatic rocks: An introduction to igneous petrology". United States abstractNote = {This book melds traditional igneous petrology with the emerging science of planetary petrology with the emerging science of planetary petrology to provide an account of current ideas on active magmatic and volcanic processes, drawing examples from all igneous provinces of the world as well as from the moon and planets.

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## 4.1: Classification of Igneous Rocks - Geosciences LibreTexts

Igneous rock (derived from the Latin word ignis meaning fire), or magmatic rock, is one of the three main rock types, the others being sedimentary and metamorphic. Igneous rock is formed through the cooling and solidification of magma or lava. The magma can be derived from partial melts of existing rocks in either a planet 's mantle or crust.

This is a really great book for all students who want to learn sometfing about igneous and metamorphic rocks, gives you comprehensive (and comprehensive (and comprehensible -- that is also inportant) information about rock types, their classification, textures ...

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