

Download Earth Science Volcanism Study Guide

Answers

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Dimension 3: Disciplinary Core Ideas - Earth and Space Sciences: Science, engineering, and technology permeate nearly every facet of modern...The earth's mantle can melt by three methods: adding heat to the mantle, changing its composition, or decreasing its pressure. The melting point of a rock is the temperature and pressure at which ...A volcano is a rupture in the crust of a planetary-mass object, such as Earth, that allows hot lava, volcanic ash, and gases to escape from a magma chamber below the surface.. Earth's volcanoes occur because its crust is broken into 17 major, rigid tectonic plates that float on a hotter, softer layer in its mantle. Therefore, on Earth, volcanoes are generally found where tectonic plates are ...