

Volcanoes

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LAYERS OF THE EARTH	DEFINITION	THICKNESS	MADE UP OF...
The Crust	It's the thin outer layer of the Earth.	It varies from about 5 km to around 70 km.	+ 95% igneous metamorphic rocks + 4% shale + 0.75% sandstone + 0.25% limestone
The Mantle	It's the second layer (next to Crust).	Around 2900 km	Silicate rocks
The outer Core	It's a very hot layer. It creates a magnetic field and makes a protective blockade around the Earth that guards us from the Sun's harmful solar wind.	Around 2300 km	Hot liquid Nickel and Iron.
The Inner Core	^{This layer} is almost as hot as the surface of the Sun (6000°C).	Around 2400 km	Solid Nickel and Iron.

DEFINITION OF WHAT A VOLCANO IS.

A volcano is a mountain that is disclosed downward to a pool of molten rock beneath the surface of the Earth and whenever pressure builds up, eruptions occur.

