

Volcanic rocks

ROCKS



Scoria

Basaltic scoria
from the volcano



Lithic tuff

Thin, air-filled pores make porous rocks like this **float on water**

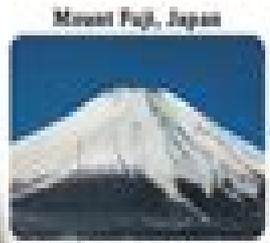


Trachyte

High amount of gas
trapped



Scoria

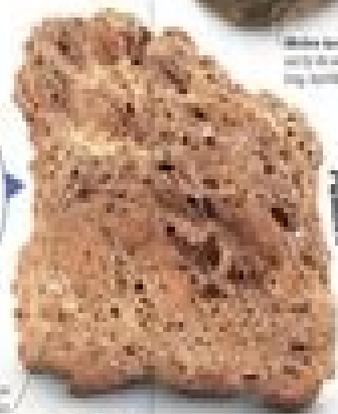


Mount Fuji, Japan
covered in scoria



Scoria

Light-colored scoria



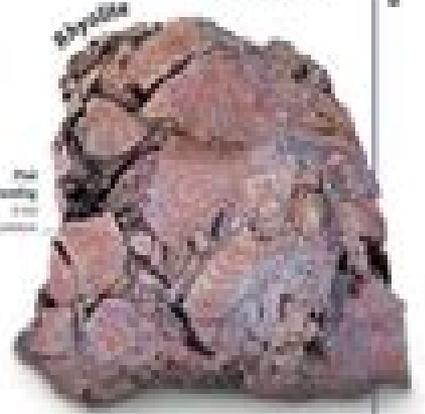
Scoria

Thin layer of iron
oxide on the surface
gives it a reddish color



Scoria

High iron
content



Scoria

High iron
content



Small crust volcanic bomb



Black color from
mineral content

Red color from
the iron content



Scoria

High iron
content

7 VIOLENT VOLCANOES

- Yellowstone, Wyoming, 640,000 years ago**
A massive eruption, the largest in 2 million years, is thought to be about 10 miles.
- Mount Tambora, Indonesia, 1815**
The largest eruption in recorded history, it killed 100,000 people and caused the "Year Without a Summer" in 1816.
- Mount Pinatubo, Philippines, 1991**
An eruption that killed 800 people, destroyed 200,000 homes, and caused \$1.5 billion in damage.
- Mount St. Helens, Washington, 1980**
An eruption that killed 57 people, destroyed 243 homes, and caused \$2 billion in damage.

Volcanic, or extrusive igneous, rocks are born of fire. Magma hits the surface at temperatures of 2,100°F (1,150°C). Bubbling and fizzing with dissolved gas, it explodes violently through volcanoes or oozes slowly from a vent or fissure.

Volcanic rocks form when lava cools and solidifies. They have small grains because they cool quickly, giving crystals little time to grow. Basalt, andesite, and trachyte are the most common lavas on Earth. Because it is so thick, rhyolite magma can cause the most violent

eruptions. Most lavas are made up of silicate minerals including feldspar, olivine, amphibole, mica, and quartz. Tuff is a rock formed of volcanic ash, which is sometimes hot enough to weld together. Obsidian, a black volcanic glass, cools too quickly to form crystals. During

volcanic eruptions, volcanoes may shoot out lumps of lava called bombs. Dissolved gases pump porous foam-pumice full of frothy bubbles. Pele's hair—named after the Hawaiian fire goddess—is made of long, wispy, mineral fibers that are drawn out in the air as liquid rock erupts.

ROCKS

Volcanic Rocks

Henry Woodward



Volcanic Rocks:

Professional Paper Geological Survey (U.S.), **Geology and Petrology of the San Juan Region, Southwestern Colorado** Esper Signius Larsen, Whitman Cross, 1956 A comprehensive geologic and petrologic study of the occurrence and origin of the rocks in an area of 12 000 square miles in southwestern Colorado *The Natural System of Volcanic Rocks*
Ferdinand Freiherr von Richthofen, 1868 **Transactions** Stirling Natural History and Archaeological Society, 1893
Geological Survey professional paper Geological Survey (U.S.), Geological Survey (U.S.). Geographic Names Information Management, 1987* **The Americana** ,1914 Areal Geology of Alaska Philip Sidney Smith, 1939 Annual Report
Geological Survey of Canada, 1896 Contents may be found in List of publications of the Geological survey of Canada 1906
Victoria Reginald Augustus Frederick Murray, 1895 **Biennial Report of the Bureau of Highways** California.
Bureau of Highways, 1900 **The Geological Magazine Or Monthly Journal of Geology** ,1897 **Geological Magazine** Henry Woodward, 1917 **Bulletin of the Geological Society of America** Geological Society of America, 1902
Vols 1 44 include Proceedings of the annual meeting 1889 1933 later published separately **The American Geologist**
,1894 **Journal** Tōkyō Daigaku. Rigakubu, 1927 **The Annals and Magazine of Natural History** ,1885 **Annual Report** Ontario. Department of Mines and Northern Affairs, 1928 **Memoir** ,1910 I. The Anorthosytes of the Minnesota Coast of Lake Superior Andrew Cowper Lawson, 1893 **Bulletin** Geological and Natural History Survey of Minnesota, 1893

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