









<p>Sand</p>	<p>Soil with grains of rock that you can see with your eyes alone</p>	 <p>A photograph showing a conical pile of fine, brown sand on a white background. The sand grains are clearly visible and uniform in color. A small watermark 'dreamstime.com' is visible at the bottom right of the image.</p>
<p>Clay</p>	<p>Soil with very, very tiny grains of rock</p>	 <p>A photograph of a large, flat area of reddish-brown soil, likely a field or a construction site. The soil has a fine, uniform texture. In the background, there are green trees and a building.</p>
<p>Rock</p>	<p>A naturally formed solid made of grains of one or more minerals</p>	 <p>A photograph of a large, dark, crystalline rock specimen, possibly a type of igneous rock like granite or diorite. The rock has a rough, angular shape and is composed of various mineral grains. A watermark '© geology.com' is visible at the bottom left of the image.</p>
<p>Mineral</p>	<p>A solid object found in nature that has never been alive</p>	 <p>A photograph showing four small, colorful mineral specimens. One is dark reddish-brown, one is bright blue, one is orange, and one is green. They are arranged on a white background.</p>

Metamorphic rock	Rock that has been changed by heat or pressure	
Igneous rock	Rock that was once melted and then cooled and hardened	
Silt	Soil with grains of rock that are too small to see with your eyes alone	
Loam	Soil that is a mixture of humus, sand, silt, and clay	

Sedimentary rock

Rock made when materials settle into layers and get squeezed until they harden into rock



Erosion

The movement of weathered rock and soil



Weathering

The breaking down of rocks into smaller pieces



Streak

Color that is left behind by a mineral when it is rubbed against a white tile. One property of a mineral



The red-brown streak of the mineral hematite.

hardness

Mineral property identified by the Moh's scale. One property of a mineral.

MOHS SCALE OF HARDNESS

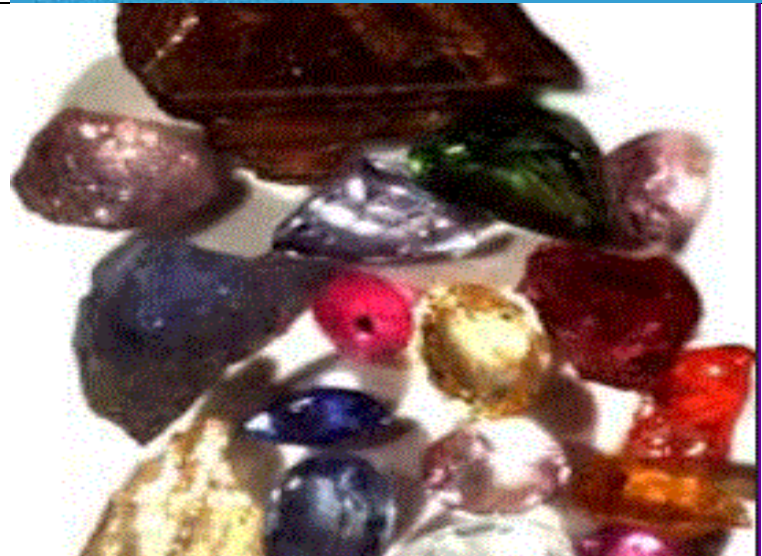
1 - TALC - 1	6 - FELDSPAR - 72
2 - GYPSUM - 2	7 - QUARTZ - 100
3 - CALCITE - 9	8 - TOPAZ - 200
4 - FLUORITE - 21	9 - CORUNDUM - 400
5 - APATITE - 48	10 - DIAMOND - 1600

MOHS SCALE Blue = Absolute Hardness

DIAMOND GUIDE HQ

Color

The colors present in a mineral or rock. One property of a mineral.



The Rock Cycle

The cycle rocks go through to change into other types of rocks.

