

## Chapter 2 Sec 2

Geologists look at mineral composition (20 rock forming minerals), color and texture of rocks.

Granite-light colored, high silica Content (silicon & oxygen) large crystals

Basalt-dark colored, lower silica content, small crystals

grains - particles of minerals or other  
rocks - give rocks texture

texture- look and feel of the rock

Fine grain- small grains can only be seen  
with microscope

Coarse grain - large grains easy to see

banded- grains lie in a pattern  
nonbanded- no visible pattern

Geologists classify rocks into three major groups-according to how they were made (origin)

- **Igneous**- cooling of magma or lava
- **Sedimentary**- small particles of rocks or remains of plants and animals are pressed and cemented together
- **Metamorphic** - formed by extreme heat and pressure or chemical reactions