

The Common Rocks : Table-15

<u>Rock</u>	<u>Type</u>	<u>Hardness</u>	<u>Comments</u>
Andesite	I	5 - 6	small crystals
Asbestos	M	variable	fibrous, used to make fireproof cloth
Basalt	I	5 - 6	dark, small crystals
Chalk	S	2.	mostly CaCO_3 , from shells of microscopic organisms
Chert	S	7	mostly quartz
Coal	S	1 - 2.5	mostly carbon, some hydrogen
Conglomerate	S	variable	cemented rocks and pebbles
Diorite	I	5.5 - 6	dark, large crystals
Dolomite	S	3.5-4.	mostly $\text{CaMg}(\text{CO}_3)_2$
Gabbro	I	> 5.5	dark, large crystals
Gneiss	M	variable	it was granite, crystals are compressed
Granite	I	> 5.5	large crystals, quartz, feldspar, dark minerals

Limestone	S	> 5.5	mostly CaCO ₃ , often contains fossils
Marble	M	3	formed from limestone, contains calcite
Obsidian	I	6 - 7	dark, glassy
Peridotite	I	5.5 - 6	contains olivine and other dark minerals
Rhyolite	I	6 - 6.5	light color, small crystals
Pumice	I	> 5.5	rhyolite with air bubbles
Sandstone	S	variable	compacted sand
Schist	M	variable	it was slate
Shale	S	< 5.5	formed from clay
Slate	M	< 5.5	it was shale, mostly muscovite and chlorite
Quartzite	M	variable	mostly quartz, formed from sandstone