

Rocks

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ROCK DESCRIPTIONS

1. Sandstone: medium-grained, light-colored sedimentary rock made of fine to medium quartz sand with evident layering.
2. Conglomerate: a coarse-grained clastic sedimentary rock with rounded pebbles of various rocks.
3. Shale: well-bedded, fine-grained clastic sedimentary rock made up primarily of mud/clay. May come in a variety of dark colors.
4. Schist: a foliated (layered) metamorphic rock with predominant mica.
5. Gneiss: a strongly foliated (layered) metamorphic rock with bands or streaks of light and dark minerals.
6. Gametiferous schist: a foliated (layered) metamorphic rock with garnet and two types of mica. Garnets are red-black equant porphyroblasts.
7. Porphyritic basalt or andesite: a mafic igneous volcanic rock, with a dark to medium fine-grained matrix containing angular, dark-colored phenocrysts.
8. Amygdaloidal basalt or andesite: a mafic igneous volcanic rock, with a dark to medium (possibly reddish) fine-grained matrix containing rounded, lighter-colored phenocrysts and vesicles.
9. Granite: A coarse-grained, light-colored igneous rock with interlocking grains of quartz, feldspar and mica.
10. Pumice: a highly vesicular and glassy, light-colored, igneous volcanic rock. A hand lens shows the glassy texture and vesicles. The vesicular texture indicates a high percentage of gas in the molten material during formation. Less dense than water (will float).