

Measurement
How are rocks classified?

Igneous Rocks	
Name	granite
Glassy Appearance	no
Holes?	no
Color	light
Crystal Size	large
Name	pumice
Glassy Appearance	yes
Holes?	yes
Color	light
Crystal Size	none
Name	obsidian
Glassy Appearance	yes
Holes?	no
Color	dark with light edges
Crystal Size	none
Metamorphic Rocks	
Name	gneiss
Recrystallization	no
Scratch Glass?	yes
Banding?	yes
General Appearance	light and dark bands
Name	quartzite
Recrystallization	yes
Scratch Glass?	no
Banding?	no
General Appearance	crystal mass
Name	slate
Recrystallization	no
Scratch Glass?	no
Banding?	yes
General Appearance	flat, smooth surface
Sedimentary Rocks	
Name	sandstone
Sediment Size	1/16 - 2 mm
Reacts with HCl?	no
Sediment Type	sand
Name	limestone
Sediment Size	varied
Reacts with HCl?	yes
Sediment Type	fossils
Name	rock salt
Sediment Size	microscopic
Reacts with HCl?	no
Sediment Type	salt
Name	scoria
Glassy Appearance	yes
Holes?	yes
Color	dark
Crystal Size	none
Name	basalt
Glassy Appearance	no
Holes?	no
Color	dark
Crystal Size	small
Name	mica schist
Recrystallization	yes
Scratch Glass?	no
Banding?	yes
General Appearance	platy
Name	marble
Recrystallization	yes
Scratch Glass?	no
Banding?	no
General Appearance	crystal mass
Name	shale
Sediment Size	<1/16 mm
Reacts with HCl?	no
Sediment Type	mud
Name	conglomerate
Sediment Size	>2 mm
Reacts with HCl?	no
Sediment Type	gravel