

Mineral classification and description

Mineral	Type/subtype/ formation	crystals	Cleavage/ fracture	color	streak	luster	hardness	Other
pyrite		Six faces		golden	Green/black Brown/black	metallic		
gold				gold	yellow	metallic		
mica			Thin slices					
gypsum		crystallizes						
Manganese		crystallize						
fluorite		crystallize						
Quartz			fracture					
Graphite								
Sulfur				yellow				
hematite					Red-brown			
calcite								Fizzes with acid
halite								Salty
feldspar								
galena								
Obsidian	Igneous-extrusive							
gabbro	Igneous-intrusive	large						
pumice	igneous	none						
Granite								
sandstone								
limestone								
Gneiss								
quartzite								
marble								
slate	metamorphic							

Mineral classification and description

Mineral classification and description

Crystal	
Cleavage	
Color	
Streak	
Luster	
Hardness	
Other	

Rock forming minerals		
	Silicates	
	Carbonates	
Igneous		
	Intrusive	
		Granitic- Light color
		Basaltic- Dark color
	Extrusive	
Sedimentary		
	Detrital	
	Chemical	
	Organic	
Metamorphic		
	Foliated	
	Non foliated	
gem		

Mineral classification and description

Rock cycle processes

	Compaction	Weathering erosion	Heat and pressure	melting	cooling
Sedimentary		sediments	metamorphic	magma	
Igneous		sediments	metamorphic	magma	
Metamorphic		sediments		magma	
magma					igneous
sediments	Sedimentary rock				