

Mineral Identification Table

Mineral	Hardness	Luster	Streak	Color	Other
Calcite	3	nonmetallic	white	colorless, white	bubbles when acid is placed on it
Feldspar	6	nonmetallic	none	colorless, beige, pink	
Galena	2.5 – 3	metallic	gray	lead-gray	heavy for its size
Gold	2.5 – 3	metallic	golden yellow	yellow	used for jewelry
Graphite	1 – 2	metallic	black	gray to black	feels greasy
Hematite	5 – 6.5	metallic or nonmetallic	reddish brown	silver-gray or red	
Hornblende	5 – 6	nonmetallic	none	dark green to black	
Magnetite	6	metallic	black	black	magnetic
Mica	2 – 2.5	nonmetallic	none	dark brown, black or silver-white	flakes when peeled
Pyrite	6 – 6.5	metallic	greenish black	brassy yellow	called “fool’s gold”
Quartz	7	nonmetallic	none	colorless, white, rose, smoky, purple, brown	
Talc	1	nonmetallic	white	white, greenish to gray	feels greasy

Mohs Hardness Scale

Mineral	Hardness
Talc	1
Gypsum	2
2.5 Fingernail	
Calcite	3
3.0 Copper Penny	
Fluorite	4
Apatite	5
5.5 Glass	
Feldspar	6
6.5 Steel File	
Quartz	7
Topaz	8
Corundum	9
Diamond	10