

## MINERAL IDENTIFICATION CHART

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### Minerals

Minerals with a **Metallic Luster** (looks like a metal)

Mineral (formula)	Color	Streak	Hardness	Density (g/mL)	Crystal System	Breakage	Uses
Graphite (C)	Black to gray	Black to gray	1 – 2	1.0 – 3.0	Hexagonal	Cleavage	Pencil lead, Battery poles
Galena (PbS)	Gray	Gray to black	1 – 2	6.0 – 8.0	Cubic	Cleavage	Source of lead, Used in pipes, fishing sinkers
Pyrite (FeS <sub>2</sub> )	Light, brassy yellow	Greenish black	6.5	4.0 – 6.0	Cubic	Fracture	Source of iron, “fool’s gold”