

Nonsilicate Minerals — Names And Formulae

Sulfides

Pyrite	_____	Marcasite	_____
Chalcopyrite	_____	Pyrrhotite	_____
Pentlandite	_____	Galena	_____
Arsenopyrite	_____	Molybdenite	_____
Sphalerite	_____	Wurtzite	_____
Covellite	_____	Chalcocite	_____
Cinnabar	_____		

Halides

Halite	_____	Sylvite	_____
Fluorite	_____		

Oxides

Hematite	_____	Magnetite	_____
Rutile	_____	Ilmenite	_____
Spinel	_____	Chromite	_____
Pyrolusite	_____	Zincite	_____
Tenorite	_____	Cuprite	_____
Corundum	_____	Cassiterite	_____

Hydroxides

Gibbsite	_____	Brucite	_____
Diaspore	_____	Boehmite	_____

"Bauxite" [mix of gibbsite, boehmite, diaspore, and "limonite" (hydrated Fe^{+3} -oxide)]

Carbonates

Calcite	_____	Aragonite	_____
Siderite	_____	Dolomite	_____
Rhodochrosite	_____	Ankerite	_____
Smithsonite	_____	Magnesite	_____
Cerussite	_____	Witherite	_____
Strontianite	_____	Malachite & Azurite: Cu-carbonate-hydroxide	

Sulfates

Gypsum	_____	Anhydrite	_____
Celestite	_____	Barite	_____
Anglesite	_____		

Others

Apatite	_____	Wolframite	_____
Scheelite	_____	Turquoise: Cu-Al-phosphate-hydroxide-hydrate	
Borax: Na-B-hydroxide-hydrate			