

Metal Content of Minerals

Mineral	%
Aluminum:	
Bauxite	74
Corundum	53
Antimony:	
Jamesonite	29
Stibnite	71
Arsenic:	
Arsenopyrite	31
Orpiment	61
Realgar	70
Barium:	
Barite	59
Beryllium:	
Bery	15
Bismuth:	
Bismuthinite	81
Chromium:	
Chromite	46
Cobalt:	
Cobaltite	36
Linnaeite	48
Smaltite	28
Copper:	
Azurite	55
Bornite	63
Chalcocite	80
Chalcopyrite	35
Chrysocolla	36
Covellite	66
Cuprite	89
Malachite	57
Tetrahedrite	52

Mineral	%
Iron:	
Hematite	70
Limonite	60
Magnetite	72
Marcasite	46
Pyrite	46
Pyrrhotite	61
Siderite	48
Lead:	
Anglesite	68
Cerussite	77
Galena ⁸	7
Magnesium:	
Magnesite	29
Periclase	60
Manganese:	
Pyrolusite	63
Rhodochrosite	62
Rhodonite	48
Mercury:	
Calomel	85
Cinnabar	86
Metacinnabarite	86
Molybdenum:	
Molybdenite	60
Wulfenite ²	6
Nickel:	
Chloanthite	28
Millerite	65
Niccolite	44
Pentlandite	22
Niobium Pentoxide:	
Columbite Tantal.	83

Mineral	%
Silver:	
Argentite	87
Cerargyrite	75
Polybasite	76
Proustite	65
Pyrrargyrite	60
Stephanite	68
Tantalum Pentoxide:	
Columbite-Tantal.	86
Tin:	
Cassiterite	79
Stannite	28
Titanium:	
Ilmenite	32
Rutile	60
Tungsten:	
Ferberite	64
Huebnerite	61
Scheelite	64
Wolframite	51
Uranium:	
%in U ₃ O ₈	85
Vanadium	
Vanadinite- V ₂ O ₅ %	19
% in V ₂ O ₅	56
Zinc:	
Calamine	54
Franklinite	16
Smithsonite	52
Sphalerite	67
Willemite	59
Zincite	80
Zirconium:	
Zircon	50

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