

## List of some metals and their common ores with their chemical formula

Metal	Ore	Composition	Metal	Ore	Composition
Aluminum	Bauxite	$Al_2O_3 \cdot nH_2O$	Zinc	Zinc blende or Sphalerite	$ZnS$
	Diaspore	$Al_2O_3 \cdot H_2O$		Calamine	$ZnCO_3$
	Kaolinite	$Al_2Si_2O_5(OH)_4$		Zincite	$ZnO$
Iron	Haematite	$Fe_2O_3$	Lead	Galena	$PbS$
	Magnetite	$Fe_3O_4$		Anglesite	$PbSO_4$
	Siderite	$FeCO_3$		Cerrusite	$PbCO_3$
	Iron pyrite	$FeS_2$	Tin	Cassiterite (Tin stone)	$SnO_2$
	Limonite	$Fe_2O_3 \cdot 3H_2O$	Silver	Silver glance (Argentite)	$Ag_2S$
Copper pyrite	$CuFeS_2$	Pyrargyrite (Ruby silver)		$Ag_3SbS_3$	
Copper glance	$Cu_2S$	Chlorargyrite (Horn Silver)		$AgCl$	
Cuprite	$Cu_2O$	Stefinite		$Ag_2SbS_4$	
Malachite	$CuCO_3 \cdot Cu(OH)_2$	Prousitite		$Ag_2AsS_3$	
Azurite	$2CuCO_3 \cdot Cu(OH)_2$				