

IRON

MINERALS

<i>Element</i>	...	...	...	...	Native Iron, Fe.
<i>Oxides</i>	...	...	...	...	Magnetite, Fe_3O_4 . Hematite, Fe_2O_3 .
<i>Hydrated Oxides</i>	...	...	...	...	Limonite, $2\text{Fe}_2\text{O}_3 \cdot 3\text{H}_2\text{O}$. Goethite, $\text{Fe}(\text{OH})$. Turgite, $\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$.
<i>Carbonate</i>	.	...	...	...	Siderite, Chalybite, FeCO_3 . *
<i>Sulphides</i>	..	...	...	...	Pyrite, FeS_2 . Pyrrhotite, $\text{Fe}_n\text{S}_{n+1}$.
<i>Hydrated Sulphate</i>	...	...	...	...	Copperas, $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$.
<i>Hydrated Phosphate</i>	..	...	...	...	Vivianite, $\text{Fe}_3\text{P}_2\text{O}_8 \cdot 8\text{H}_2\text{O}$.
<i>Hydrated Silicate</i>	...	...	...	...	Ilvaite, $\text{CaFe}_2(\text{FeOH})(\text{SiO}_4)_2$.

* Chalybite is a synonym of Siderite