

Classification of minerals :-

1- Native elements group :-

Examples :- Copper (**Cu**) , Graphite (**C**)

2- Sulfides group :-

Examples :- Pyrite (**FeS₂**) , Galena (**PbS**)

3- Sulfates group :-

Examples :- Gypsum (**CaSO₄.2H₂O**) , Anhydrite (**CaSO₄**)

4- Oxides group :-

Examples :- Hematite (**Fe₂O₃**) , Corundum (**Al₂O₃**)

5- Carbonates group :-

Examples :- Calcite (**CaCO₃**) , Dolomite (**CaMg(CO₃)₂**)

6- Halides group :-

Examples :- Halite (**NaCl**) , Fluorite (**CaF₂**)

7- Silicates group :-

Examples :- Quartz (**SiO₂**) , Orthoclase (**KAlSi₃O₈**)