

Mineral Identification Handout

Mineral	Reading	Conductive?

1. What minerals were conductive?
Gold, silver, nickel, iron, graphite, pyrrhotite, pyrite, bornite, and magnetite (variable)

2. What minerals were not conductive?
Bauxite, calcite, chalcopryite, fluorite, gypsum, hematite, microline, muscovite, quartz, and talc

3. What was similar about all the minerals that were conductive?
The conductive minerals were all metallic. Other than graphite, pyrite and magnetite which is only conductive as a pure mineral, the only minerals that make good conductors are **metallic elements** such as a copper, silver, nickel or gold.