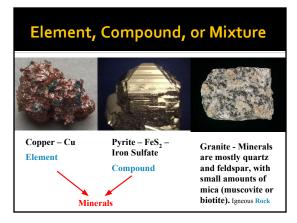
MINERAL IDENTIFICATION

Unit 4 - CHAPTER 2.3

What are minerals?

- A mineral is defined as any naturally occurring crystalline inorganic material.
 - The internal structure of a mineral is also important.
 - Its chemicals and how they are arranged makes a difference.
 - Some are composed of one <u>element</u> (Gold)
 A single item off of the periodic table
 - Most mineral are <u>compounds</u> they consist of two or more elements that are combined in constant proportions.
 - Some are <u>mixtures</u> Multiple compounds where you can see the different compounds (layers, colors, or shapes) -<u>Rocks</u>







Mineral Identification Based on physical and chemical properties

 Best to use <u>combination</u> of mineral tests for identification



Mineral Properties Color Physical Crystal form Physical Hardness Physical Cleavage Physical Physical Streak Luster Physical Chemical Density Chemical Solubility

