**Vocabulary Notes Minerals of the Earth’s Crust**

Cleavage The splitting of a mineral along smooth, flat surfaces

Compound A substance made up of atoms of two or more different elements joined by chemical bonds

Crystal A solid whose atoms, ions, or molecules are arranged in a definite pattern.

Density The ratio of the mass of a substance to the volume of the substance. D = mass / volume

Element A substance that can’t be separated or broken down into simpler substances by chemical means

Fracture The manner in which a mineral breaks along either curved or irregular surfaces

Hardness The measure of the ability of a mineral to resist scratching

Mineral A naturally formed, inorganic solid that has a definite crystalline structure

Non-silicate Minerals A mineral that does not contain compounds of silicon

Ore A rock containing a desired mineral. Example: Iron Ore or Lead Ore. Sometimes these ores have their own special name. Example: Lead Ore is called Galena.

Reclamation The process of returning land to its original condition after mining is completed

Silicate Mineral A mineral that contains a combination of silicon, oxygen, and one or more metals Example: Sand

Streak The color of the powder of a mineral

Earth Science: Inside the Restless Earth Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quiz – Chapter 1 Vocabulary:

Put the answer to the question below on the proper line on the answer sheet.

1. A rock containing a mineral is called an \_\_\_ .
2. The measure of the ability of a mineral to resist scratching
3. Density = Mass divided by \_\_\_ .
4. A substance made up of two or more atoms.
5. A mineral that doesn’t contain silicon.
6. How a mineral breaks along curved surfaces.
7. Reclamation is about returning land to its original condition after what industry has taken place on it ?
   1. Farming b. Mining c. Housing
8. The splitting of a mineral along flat surfaces.
9. The color of the powder of a mineral
10. A solid whose atoms, ions, or molecules are arranged in a definite pattern.
11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Test vocabulary – remove the words.

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Earth Science: Inside the Restless Earth Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Worksheet – Chapter 1 Vocabulary

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