**Rocks and Minerals Activity**

**Lab Practical Review**

**Objective**: You have been given \_\_\_\_14\_\_\_\_\_ number of samples. Some of them are rocks and some of them are minerals… you don’t need to tell me the EXACT name of the rock/mineral, you just need to tell me which kind of rock it is (if it’s a rock!), and if it is a mineral you need to perform the physical tests.

**Part I: The rocks**

Samples 1-7 are arranged around the room. In the following spaces for each sample #, tell me whether it is Sedimentary, Igneous OR metamorphic and give me ONE reason for your explanation using a distinguishing texture/characteristic of that type of rock. If you give 2 reasons, they must BOTH be correct. Careful!

Sample #1 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reason:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sample #2 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reason:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sample #3 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reason:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sample #4 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reason:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sample #5 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reason:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sample #6 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reason:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sample #7 Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Reason:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ***When you are finished with rocks go on to minerals***

**The Minerals: For each of the following minerals perform the physical tests below. You need only to “check” one of the two options for each of the properties.**

M1:

Luster: Metallic \_\_\_\_\_\_\_\_ Non-metallic: \_\_\_\_\_\_\_

Break: Cleavage\_\_\_\_\_\_\_ Fracture: \_\_\_\_\_\_\_\_\_\_

Streak: Color \_\_\_\_\_\_\_\_\_\_ Colorless/white: \_\_\_\_\_\_\_\_\_

Hardness: Soft: \_\_\_\_\_\_\_\_\_\_\_ Hard: \_\_\_\_\_\_\_\_\_\_\_

M2:

Luster: Metallic \_\_\_\_\_\_\_\_ Non-metallic: \_\_\_\_\_\_\_

Break: Cleavage\_\_\_\_\_\_\_ Fracture: \_\_\_\_\_\_\_\_\_\_

Streak: Color \_\_\_\_\_\_\_\_\_\_ Colorless/white: \_\_\_\_\_\_\_\_\_

Hardness: Soft: \_\_\_\_\_\_\_\_\_\_\_ Hard: \_\_\_\_\_\_\_\_\_\_\_

M3:

Luster: Metallic \_\_\_\_\_\_\_\_ Non-metallic: \_\_\_\_\_\_\_

Break: Cleavage\_\_\_\_\_\_\_ Fracture: \_\_\_\_\_\_\_\_\_\_

Streak: Color \_\_\_\_\_\_\_\_\_\_ Colorless/white: \_\_\_\_\_\_\_\_\_

Hardness: Soft: \_\_\_\_\_\_\_\_\_\_\_ Hard: \_\_\_\_\_\_\_\_\_\_\_

M4:

Luster: Metallic \_\_\_\_\_\_\_\_ Non-metallic: \_\_\_\_\_\_\_

Break: Cleavage\_\_\_\_\_\_\_ Fracture: \_\_\_\_\_\_\_\_\_\_

Streak: Color \_\_\_\_\_\_\_\_\_\_ Colorless/white: \_\_\_\_\_\_\_\_\_

Hardness: Soft: \_\_\_\_\_\_\_\_\_\_\_ Hard: \_\_\_\_\_\_\_\_\_\_\_

M5:

Luster: Metallic \_\_\_\_\_\_\_\_ Non-metallic: \_\_\_\_\_\_\_

Break: Cleavage\_\_\_\_\_\_\_ Fracture: \_\_\_\_\_\_\_\_\_\_

Streak: Color \_\_\_\_\_\_\_\_\_\_ Colorless/white: \_\_\_\_\_\_\_\_\_

Hardness: Soft: \_\_\_\_\_\_\_\_\_\_\_ Hard: \_\_\_\_\_\_\_\_\_\_\_

M6:

Luster: Metallic \_\_\_\_\_\_\_\_ Non-metallic: \_\_\_\_\_\_\_

Break: Cleavage\_\_\_\_\_\_\_ Fracture: \_\_\_\_\_\_\_\_\_\_

Streak: Color \_\_\_\_\_\_\_\_\_\_ Colorless/white: \_\_\_\_\_\_\_\_\_

Hardness: Soft: \_\_\_\_\_\_\_\_\_\_\_ Hard: \_\_\_\_\_\_\_\_\_\_\_

M7:

Luster: Metallic \_\_\_\_\_\_\_\_ Non-metallic: \_\_\_\_\_\_\_

Break: Cleavage\_\_\_\_\_\_\_ Fracture: \_\_\_\_\_\_\_\_\_\_

Streak: Color \_\_\_\_\_\_\_\_\_\_ Colorless/white: \_\_\_\_\_\_\_\_\_

Hardness: Soft: \_\_\_\_\_\_\_\_\_\_\_ Hard: \_\_\_\_\_\_\_\_\_\_\_