

# LAB: IDENTIFYING ROCKS

Using the Rock ID charts, identify the 9 sample rocks. Make sure everybody in your group has a chance to handle the rocks, use their charts, and has some input in the naming them.

ROCK TYPE	ROCK SAMPLE #	ROCK SAMPLE NAME
IGNEOUS	I-1	
IGNEOUS	I-2	
IGNEOUS	I-3	
METAMORPHIC	M-4	
METAMORPHIC	M-5	
METAMORPHIC	M-6	
SEDIMENTARY	S-1 OR S-2	
SEDIMENTARY	S-3	
SEDIMENTARY	S-9	

## **Igneous Rocks**

1. Which rocks were intrusive?
2. Which rocks were extrusive?
3. What are the specks in Granite?
4. How could you tell the difference between pumice and scoria?
5. What made the "bubbles" in pumice and scoria?

## **Sedimentary Rocks**

1. Which rocks were clastic?
2. Which rocks were non-clastic?
3. How did particle size help you tell the difference between conglomerate and sandstone?
4. What evidence in limestone helps you to know a major difference between rocks and minerals?

## **Metamorphic Rock**

1. Which rocks were foliated?
2. Which rocks were non-foliated?
3. How could you tell the difference between marble and quartzite?
4. The metamorphic rock gneiss is made from which igneous rock? How can you tell?