

The intent of this lab is for the student to observe textural and mineralogical properties in sedimentary rocks in order to apply an appropriate rock name to the lab samples. First, and foremost, is the distinction of principle mineral composition: **Terrigenous**, **Allochemical**, or **Orthochemical**. Next, determine texture/textural maturity (if appropriate). Finally, determine particle type/mineralogy (note: for mud rocks no mineralogical properties can be determined; texture is the criteria for classification). Last, but not least, NAME THAT ROCK, according to the classification schemes for each of the categories of sedimentary rocks.

Sample #	T? A? O?	Texture/Textural maturity	Mineral Composition/Mineralogical Maturity	Rock Name
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10				
11.				