

LAB EXERCISE 4 - SEDIMENTARY ROCK IDENTIFICATION

Name:	Course ID:
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During this lab you are required to positively identify by name all sedimentary rocks given to you by your instructor and/or sedimentary sample sets using the procedure described under CLASSIFICATION & IDENTIFICATION OF SEDIMENTARY ROCKS, especially table 3.1. You will complete the provided blank Sedimentary Rock ID Exercise Table in conjunction with your testing.

Materials needed:

- Professional Rock / Mineral Identification Kit (See above for ordering information)
- Set of Sedimentary Rocks included in the kit above
- Hand lense included in kit.
- Table 3.1
- Figure 3.2
- Figure 3.3
- Sedimentary Rock ID exercise table

Procedure:

1. Pick an unknown Sedimentary Rock sample from your kit (write down sample number or letter, if applicable). Follow the outline given under CLASSIFICATION & IDENTIFICATION OF SEDIMENTARY ROCKS, especially in conjunction with the provided table & figures. Write down the results in the blank Sedimentary Rock ID Exercise Table as you go.
2. Use two colors to complete the table. Mark in blue all the values you have obtained by your own measurements or observations. Write in black everything you have researched, copied or otherwise obtained by looking it up.
3. The fields above the "*SEDIMENTARY ROCK NAME*" row should be completed using ONLY OWN OBSERVATIONS / MEASUREMENTS.
4. The fields below the "*SEDIMENTARY ROCK NAME*" row should be completed using RESEARCH.

SEDIMENTARY ROCK ID EXERCISE TABLES

Name: _____

*Complete using 2 colors. Mark your own measurements in **blue**. Mark researched or copied values in **black!***

PASTE SEDIMENT. ROCK SAMPLE from KIT HERE: <i>(clear scotch tape)</i>								
Clastic, Chemical, or Organic:								
Main Constituents: <i>list as many as you can identify and their estimated %</i>								
Texture: <i>next to size, include also roundness, sorting, and reaction with acid</i>								
SEDI- MENTARY ROCK NAME:								
Research	Transport history:							
	Environ- ment of deposition:							

Make additional copies of this page if needed.