

Read lab manual Chapter 6 Sedimentary Rocks; define the following terms or answer questions. Use internet search tools as needed.

Lab 3: Sedimentary Rocks

3-1. Briefly define the following sedimentary rock terms.

A. Sediment

B. Chemical Weathering

C. Physical Weathering

D. Sorting

E. Detrital

F. Texture

3-2. Discuss (specifically) the two different uses of the term clay.

3-3. What is the difference between conglomerate and breccia?

3-4. Devise a table with the grain-size (diameter in mm) classification for gravel, sand, silt, and clay.

3-5. Determine the types of rocks that will be formed from lithification of the following unconsolidated (loose) sediment:

Unconsolidated Sediment

Resulting Rock

calcite mud on a tidal flat

beach sand

angular gravel at the base of a mountain

evaporation of the Great Salt Lake

detrital mud in a lake
