**ES302 Waltham Text Chapter 6 Graphing Review Questions Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Read the chapter and answer the following review questions; define the following terms. Provide sketches or captured images where required.

1. Describe the difference between logarithmic vs. linear scales, and provide examples of how they are used in geoscience. Draw graphs showing examples of each provide: linear graph, semi-log graph, log-log graph.
2. Examine Table 6.2 on p. 94. Draw a frequency diagram showing earthquake magnitude on the x axis, and a bar-graph of frequency (number per year) on the y axis.
3. By way of example in Figures 6.7 and 6.8, draw and label a sketch of a Sand-Silt-Clay ternary diagram showing the following three points:

PT. A 0% Sand, 50% Silt, 50% Clay

PT. B 50% Sand, 50% Silt, 0 % Clay

PT. C 50% Sand, 0% Silt, 50% Clay

1. By reading the triangular diagram presented in Figure 6.9, what can you interpret about the processes that influence the Mekong Delta of Vietnam? Explain your answer and draw a sketch.