

ACTIVITY 4B: DETERMINATION OF BONE DENSITY WITH BONE SPECIMENS

ANALYSIS QUESTIONS

1. Examine your group's data on bone density. What is the location of the specimen cut with the: greatest density? _____
smallest density? _____
2. Examine the class' data on bone density. How does the average density at the ends of the long bone compare to the average density at the mid-section shaft of the long bone?

3. Observe your graph of the class' average bone densities and your group's bone density values. Also, look at the section of the bone that has the highest and lowest bone densities. Describe any pattern you observe between the bone densities and the location of the bone specimen cut.

4. Examine why there may be differences in bone density values among the different lab groups.
