

**The space below is for you to make notes.**

**Through the course of the day we will likely stop to discuss the sedimentological and geological implications of what we're doing. You should try to stay focused on this aspect of the exercise.**

## Homework/write-up

Using your observations from today's lab, respond to the following in a well-written, 2-3 page write-up.

- **Explain what happens to a sand bed as a unidirectional water flow above it increases in velocity.**
- **Explain what happens to a sand bed as wave height, wavelength, and wave period change.**
- **Relate these explanations to features encountered in clastic sedimentary rocks.**