

GEOL 01 Physical Geology Field Trip 01: Table Bluff

We will make some observations at different scales, temporal and spatial. Remember the example in class, "I am in a room, with lights." This activity includes two steps, their locations labeled 1 and 2 on the map.

1. From the blue star on the map, hike east downhill to make an observation of the sediments exposed in the north facing cliffs. Be careful not to slip and watch out for glass and other hazards. Take a look at the sediments. Choose a small area (about 1 foot square). Prepare a drawing of what you see. No need to concern with being a good artist, we are all capable of doing this. Label some of the features (i.e. "this is an orange colored gravel"). Do this in the space below. Then answer some questions below.

- a. What are some forces/processes that might have led to the formation of what you observe? (tectonics, sea level changes (glacial/interglacial cycles), rivers, beaches, onshore, offshore/ocean).

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to the east), and the hills above College of the Redwoods (Humboldt Hill). Prepare a drawing of what you see, then answer the questions below.

- a. What are some forces/processes that might have led to the formation of what you observe? (tectonics, sea level changes (glacial/interglacial cycles), rivers, beaches, onshore, offshore/ocean).

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- b. What would this (the sediments that you observed) look like in 1 year, 100 years, and 1000 years?