

Name:

Geology 101 – Prelab Assignment  
**Field Trip – Cougar Mountain**  
*Due: Tuesday OR Thursday, May 12 OR 14*

**Readings:** Review the background materials for the Cougar Mountain Field Trip in the lab manual (p. 139-142). In addition, be sure to review the materials we have already covered on sedimentary rocks (as that is mostly what we will be seeing on the field trip).

**Questions:**

- (1) We will be looking at the Blakely, Renton, and Vashon formations today – list them from oldest to youngest.
- (2) Did the Cascade Mountains exist 50 million years ago? Yes or No (circle one)
- (3) The Vashon Formation, which we will see at the second stop, is made of glacial till that was deposited at the very end of the Pleistocene Epoch.
  - (a) Is glacial till well sorted or poorly sorted? (circle one)
  - (b) Approximately how long ago (in years) was the end of the Pleistocene Epoch?
- (4) In what type of sedimentary environment does coal form?