

Soil Survey – Benton County

Field Biology

Please record all information for steps in **bold** – *save this information* in a Microsoft Word file for inclusion in your introduction. This is an individual assignment. When you have finished your work, e-mail it to dan.bregar@corvallis.k12.or.us with the subject “per X your name soil survey”.

1. Go to the Benton County Zoning Map GIS website:
<http://gis.co.benton.or.us/ZoningMap/index.htm>
2. Click on the “+” sign next to “Legend” and select all of the Aerial Photo layers. Put a check in the box next to “Soil Layers”
3. Locate your house by zooming into the Corvallis area and finding your street.
4. Click on the plus sign next to “Identify” and choose “Taxlots and Addresses”
5. Using the “Identify” tool (the little blue icon with an “i” in it), click on your house to show the official owner.
6. From the “Identify” menu, choose “NRCS Soils”. Identify the soil type at your house.
Record this information.
7. Next, look up this soil type in the Benton County Soil Survey at this website:
<http://soildatamart.nrcs.usda.gov/Manuscripts/OR003/0/BentonOR.pdf>. Click on the section called “Classification of the Soils”, then select “Taxonomic Units and Their Morphology”, and click on the appropriate soil type in the list.
8. In the text describing the soil’s characteristics, find and **record the following information: the drainage class, the permeability, and the texture of the uppermost horizon.**
9. Repeat steps 3-8 using Crescent Valley’s campus – there are three soil types that show up on CV’s campus and you should record the information for all three of these soil types.