

CIVL 4151
Spring 2015
Homework 2

1. Do the following problems in the textbook. For each problem, draw a phase diagram and fill in all of the weights and volumes.
 - a. 3.2
 - b. 3.6
 - c. 3.10
 - d. 3.12
2. Do Problem 3.14 in the textbook
3. Do Problem 3.16 and plot the resulting PI and LL on Casagrande's plasticity chart. Use the chart to estimate the shrinkage limit of the soil using one of Casagrande's two methods.