

March 22, 2017 – Tensile Stress/Strength Homework

Name \_\_\_\_\_

*Please use the pit data you collected from the trapezoid test we did in lab a few weeks ago..*

1. Using the trapezoid test data you collected in your pits, calculate how long the slope would have to be to result in a failure in tension on the layer of interest. Then, discuss the pit profile and the stability indices that you saw while conducting the trapezoid test, and how they relate to this more quantitative assessment.