

Soil Drilling Demonstration

Students in CIV 341- Geotechnical Engineering Laboratory had the opportunity this past Tuesday (February 14, 2017) to travel out of the lab and see a professional drill rig in action. Using a hollow-core auger and split spoon sampling system, soil samples were extracted to a depth of 25ft underground. Using techniques learned in the lab, students worked in teams to identify the soil samples extracted throughout the depth of the test. Engineers use the results from these tests to estimate subsurface conditions for foundation design.

Special thanks goes out to Dr. Paul Grosser from P.W. Grosser Consulting, Inc. for coordinating this event, and Christine and John Lamprecht from Land, Air, Water Environmental Services, Inc. for providing the drill rig and performing the drilling demonstration.

