

Unconfined Compressive Strength of Cohesive Soil (ASTM D2166)

(Project: HAM-126-19.50, Boring Location: B-003-0-24, ST-1, Depth: 2.5-3.0 ft)

Tested Date: 11/4/2024

Specimen Properties

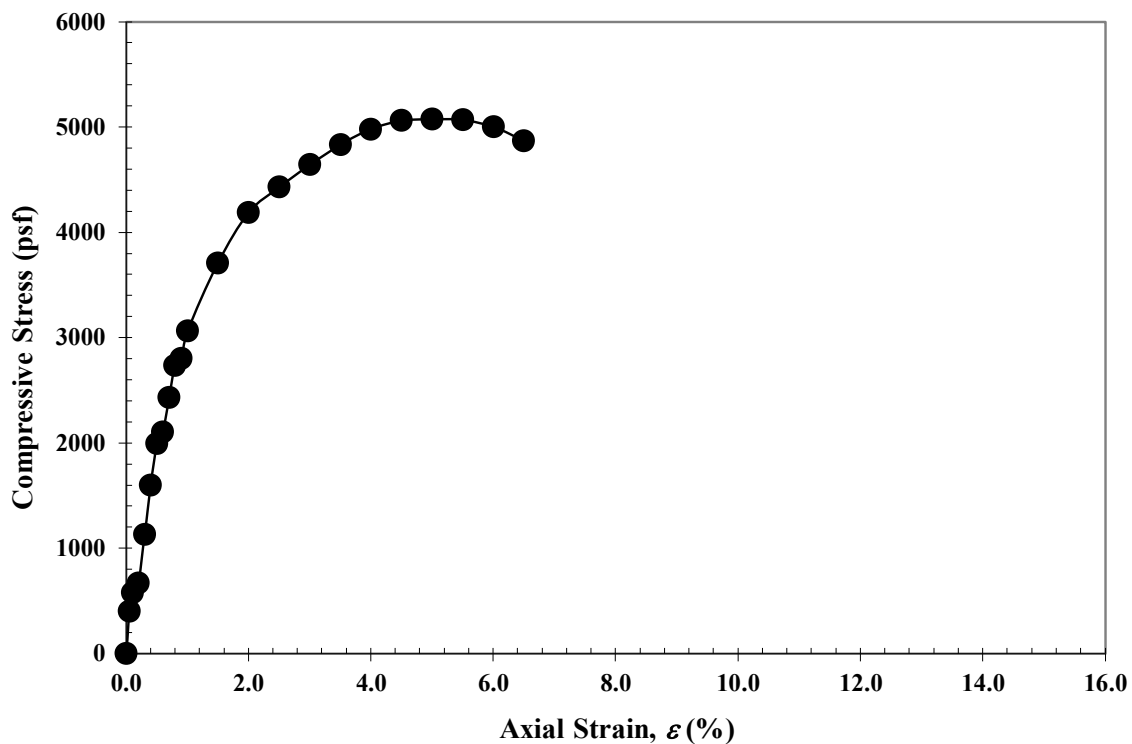
Average Dia., D_{avg} (in):	2.87
Average Height, H_{avg} (in):	5.74
Area, A (in ²):	6.47
Volume, V (in ³):	37.14
Wet Mass of Specimen (lb):	2.8
Moisture Content (%):	17.9
Dry Mass of Specimen (lb):	2.4
Wet Unit Weight, γ (lb/ft ³):	131.7
Dry Unit Weight, γ_d (lb/ft ³):	111.7

Final Specimen Figure



Results

Unconfined Compressive Strength (psf):	5076
Strain (%):	5.0



Notes: Very stiff, brown and gray, CLAY, some silt, little sand, trace gravel, damp.