

Unconfined Compressive Strength of Rock Core (ASTM D7012 Method C)

(Project: HAM-126-19.50, Boring Location: B-002-0-24, NQ2-2, Depth: 14.2-14.5ft)

Tested Date: 11/7/2024

Specimen Properties

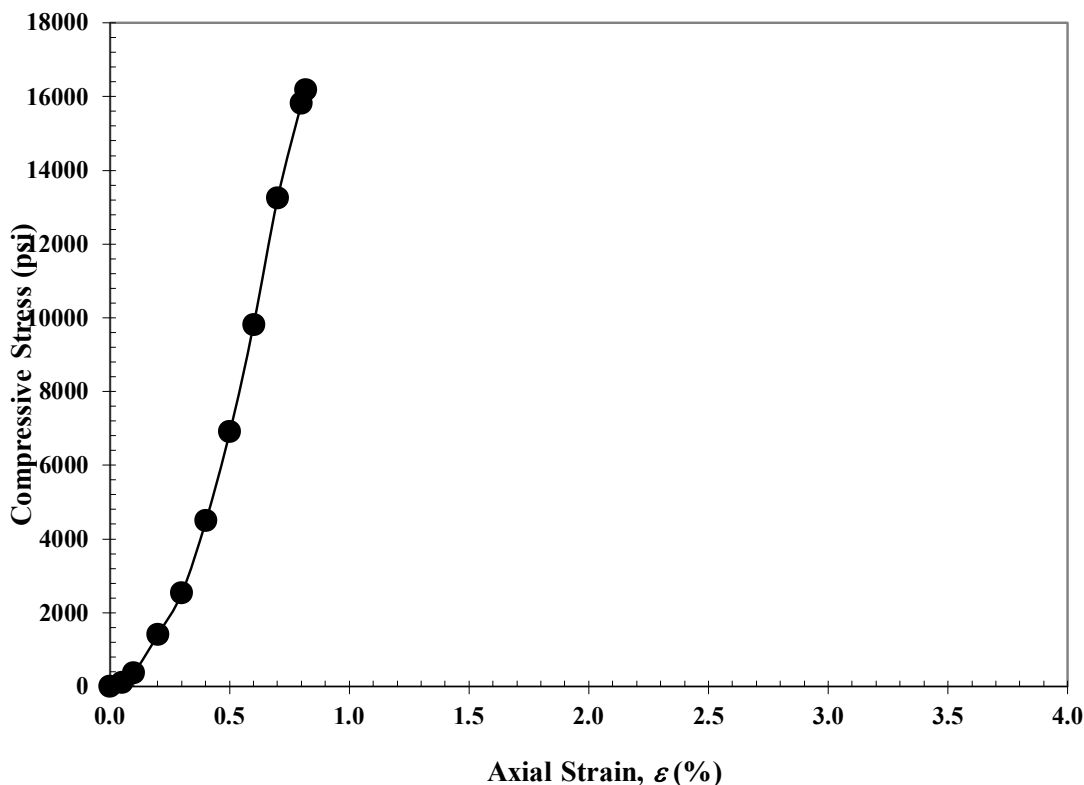
Average Dia., D_{avg} (in):	1.98
Average Height H_{avg} (in):	3.79
Length to Diameter Ratio:	1.92
Area, A (in ²):	3.07
Volume, V (in ³):	11.65
Wet Mass of Specimen (lb):	1.1
Moisture Content (%):	0.2
Dry Mass of Specimen (lb):	1.1
Wet Unit Weight, γ (lb/ft ³):	168.1
Dry Unit Weight, γ_d (lb/ft ³):	167.8

Final Specimen Figure



Results

Unconfined Compressive Strength (psi):	16183	112	(MPa)
Strain (%):	0.8		



Notes: Limestone, gray, slightly weathered, very strong. Please note that this specimen does not meet the L/D ratio of D7012 and the results reported may differ from a specimen that does meet the L/D requirements of D7012.