

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

(Project: ROS-772-7.64, Boring Location: B-002-0-23, NQ2-1, Depth: 13.0-13.4ft)

Tested Date: 11/20/2024

Specimen Properties

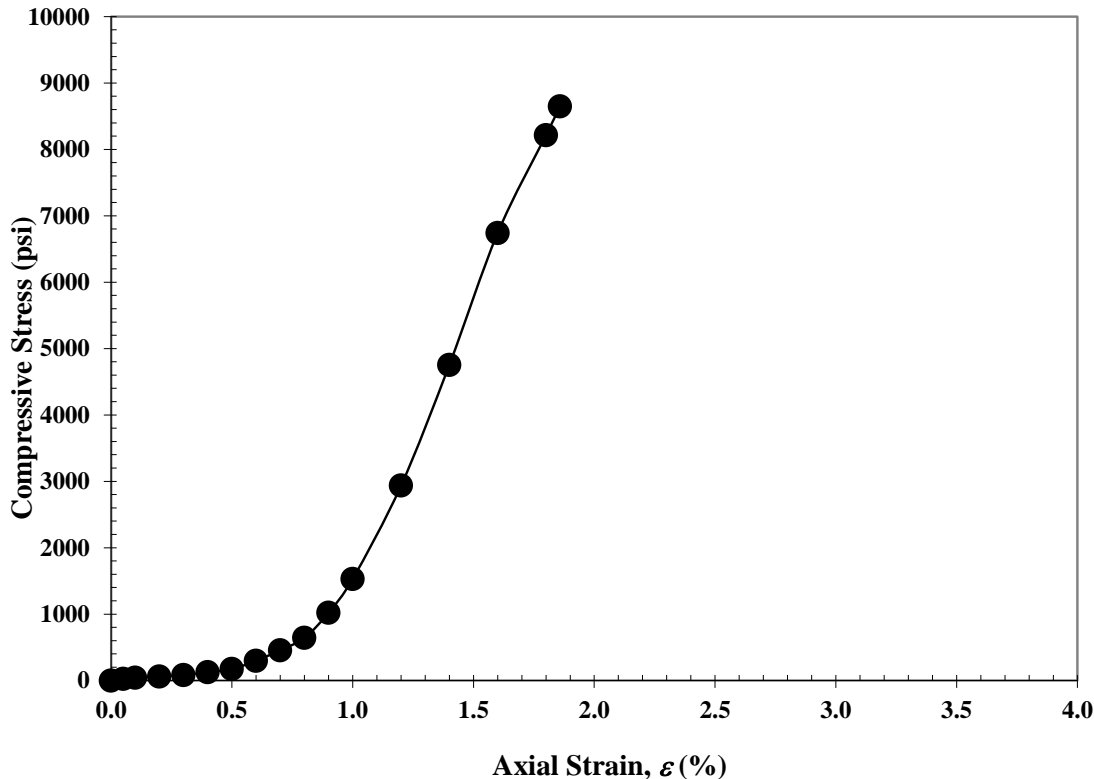
Average Dia., D_{avg} (in):	1.98
Average Height, H_{avg} (in):	4.04
Length to Diameter Ratio:	2.03
Area, A (in ²):	3.09
Volume, V (in ³):	12.47
Wet Mass of Specimen (lb):	1.0
Moisture Content (%):	1.5
Dry Mass of Specimen (lb):	1.0
Wet Unit Weight, γ (lb/ft ³):	135.8
Dry Unit Weight, γ_d (lb/ft ³):	133.9

Final Specimen Figure



Results

Unconfined Compressive Strength (psi):	8648	60	(MPa)
Strain (%):	1.9		



Notes: Shale, black, unweathered, strong, slightly fissile.