



Compressive Strength and Elastic Moduli of Intact Rock Core
Specimens under Varying Stress and Temperatures
ASTM D 7012 Method C

Project No.: N4255088
Project Name: GAL-SR 160-14.33 Landslide (PID 118701)
Boring No. B-002-0-25 Run No.: R-5
Depth (ft): 33.4-33.9'
Description: SILTSTONE

Tested By: EL Date: 7/16/2025
Calculated By: JMR Date: 7/16/2025
Checked By: AA-H Date: 7/16/2025

Rock Sample Moisture Condition at Test: ☒ As Received
☐ Saturated

☐ See Remarks
☐ Oven Dry

TOLERANCE CHECK

Side Straightness		Maximum Gap ≤ 0.020 in.				Tolerance Met		Yes
End Flatness: Max.	Diameter 1a	0.0000	in	Diameter 1b	0.0000	in	≤ 0.0020	Tolerance Met Yes
End Flatness: Max.	Diameter 2a	0.0000	in	Diameter 2b	0.0000	in	≤ 0.0020	Tolerance Met Yes
Perpendicularity Slope	Diameter 1a	0.00000		Diameter 1b	0.00000		≤ 0.0043	Tolerance Met Yes
Perpendicularity Slope	Diameter 2a	0.00000		Diameter 2b	0.00000		≤ 0.0043	Tolerance Met Yes

Length (in): 1) 4.056 2) 4.056 3) 4.056 Avg. 4.056 in

Diameter (in): 1) 1.978 2) 1.978 3) 1.978 Avg. 1.978 in

Uniaxial Compressive Strength: 3,953 psi Mass: 508.19 g

Load: 12,147 lbs. Wet Unit Weight: 155.3 pcf

L/D: 2.1 Dry Unit Weight: 154.5 pcf

Water Content: 0.6 %

Stress-Strain

