



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-001-0-25 Run No.: R-4
Depth (ft): 28.5-29.0'
Description: SHALE

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) 4.205 2) 4.205 3) 4.205 Avg. 4.205 in

Diameter (in): 1) 1.950 2) 1.950 3) 1.950 Avg. 1.950 in

Uniaxial Compressive Strength: 620 psi Mass: 527.36 g

Load: 1,853 lbs. Wet Unit Weight: 160.0 pcf

L/D: 2.2 Dry Unit Weight: 157.1 pcf

Water Content: 1.8 %

Stress-Strain

