



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-3
Depth (ft): 22.0-22.5'
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	0.0013	in	Diameter 1b	0.0009	in	≤ 0.0020	Tolerance Met Yes
End Flatness: Max.	Diameter 2a	0.0003	in	Diameter 2b	0.0003	in	≤ 0.0020	Tolerance Met Yes
Perpendicularity Slope	Diameter 1a	0.00065		Diameter 1b	0.00015		≤ 0.0043	Tolerance Met Yes
Perpendicularity Slope	Diameter 2a	0.00045		Diameter 2b	0.00015		≤ 0.0043	Tolerance Met Yes

Length (in): 1) 3.796 2) 3.796 3) 3.796 Avg. 3.796 in

Diameter (in): 1) 1.988 2) 1.988 3) 1.988 Avg. 1.988 in

Uniaxial Compressive Strength: 9,766 psi Mass: 499.19 g

Load: 30,315 lbs. Wet Unit Weight: 161.4 pcf

L/D: 1.9 Dry Unit Weight: 159.9 pcf

Water Content: 1.0 %

Stress-Strain

