



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-004-1-25 Run No.: R-3
Depth (ft): 24.0'
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	0.0011	in	Diameter 1b	0.0006	in	≤ 0.0020	Tolerance Met Yes
End Flatness: Max.	Diameter 2a	0.0009	in	Diameter 2b	0.0011	in	≤ 0.0020	Tolerance Met Yes
Perpendicularity Slope	Diameter 1a	0.00055		Diameter 1b	0.00045		≤ 0.0043	Tolerance Met Yes
Perpendicularity Slope	Diameter 2a	0.00030		Diameter 2b	0.00055		≤ 0.0043	Tolerance Met Yes

Length (in): 1) 3.980 2) 3.980 3) 3.980 Avg. 3.980 in

Diameter (in): 1) 1.989 2) 1.989 3) 1.989 Avg. 1.989 in

Uniaxial Compressive Strength: 9,055 psi Mass: 534.71 g

Load: 28,134 lbs. Wet Unit Weight: 164.7 pcf

L/D: 2.0 Dry Unit Weight: 164.3 pcf

Water Content: 0.3 %

Stress-Strain

