



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-9
Depth (ft): 51-51.5'
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) 3.982 2) 3.982 3) 3.982 Avg. 3.982 in

Diameter (in): 1) 1.981 2) 1.981 3) 1.981 Avg. 1.981 in

Uniaxial Compressive Strength: 1,730 psi Mass: 516.50 g

Load: 5,331 lbs. Wet Unit Weight: 160.3 pcf

L/D: 2.0 Dry Unit Weight: 157.8 pcf

Water Content: 1.6 %

