



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-1
Depth (ft): 10.6-11.1'
Description: SANDSTONE

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	0.0004	in	Diameter 1b	0.0013	in	≤ 0.0020	Tolerance Met Yes
End Flatness: Max.	Diameter 2a	0.0002	in	Diameter 2b	0.0005	in	≤ 0.0020	Tolerance Met Yes
Perpendicularity Slope	Diameter 1a	0.00020		Diameter 1b	0.00010		≤ 0.0043	Tolerance Met Yes
Perpendicularity Slope	Diameter 2a	0.00066		Diameter 2b	0.00025		≤ 0.0043	Tolerance Met Yes

Length (in): 1) 3.975 2) 3.975 3) 3.975 Avg. 3.975 in

Diameter (in): 1) 1.982 2) 1.982 3) 1.982 Avg. 1.982 in

Uniaxial Compressive Strength: 13,064 psi Mass: 534.72 g

Load: 40,307 lbs. Wet Unit Weight: 166.1 pcf

L/D: 2.0 Dry Unit Weight: 165.7 pcf

Water Content: 0.2 %

Stress-Strain

