



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-005-0-25 Run No.: R-1
Depth (ft): 7.7-8.2'
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	0.0005	in	Diameter 1b	0.0020	in	≤ 0.0020	Tolerance Met Yes
End Flatness: Max.	Diameter 2a	0.0006	in	Diameter 2b	0.0007	in	≤ 0.0020	Tolerance Met Yes
Perpendicularity Slope	Diameter 1a	0.00025		Diameter 1b	0.00030		≤ 0.0043	Tolerance Met Yes
Perpendicularity Slope	Diameter 2a	0.00101		Diameter 2b	0.00035		≤ 0.0043	Tolerance Met Yes

Length (in): 1) 4.008 2) 4.008 3) 4.008 Avg. 4.008 in

Diameter (in): 1) 1.980 2) 1.980 3) 1.980 Avg. 1.980 in

Uniaxial Compressive Strength: 3,461 psi Mass: 488.97 g

Load: 10,658 lbs. Wet Unit Weight: 150.9 pcf

L/D: 2.0 Dry Unit Weight: 149.9 pcf

Water Content: 0.7 %

