



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-006-0-25 Run No.: R-1
Depth (ft): 12-12.5'
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 ☐ See Remarks
☐ Saturated ☐ Oven Dry

TOLERANCE CHECK

Side Straightness		Maximum Gap ≤ 0.020 in.						Tolerance Met	Yes
End Flatness: Max.	Diameter 1a	0.0002	in	Diameter 1b	0.0005	in	≤ 0.0020	Tolerance Met	Yes
End Flatness: Max.	Diameter 2a	0.0007	in	Diameter 2b	0.0012	in	≤ 0.0020	Tolerance Met	Yes
Perpendicularity Slope	Diameter 1a	0.00010		Diameter 1b	0.00035		≤ 0.0043	Tolerance Met	Yes
Perpendicularity Slope	Diameter 2a	0.00025		Diameter 2b	0.00061		≤ 0.0043	Tolerance Met	Yes

Length (in): 1) 3.930 2) 3.930 3) 3.930 Avg. 3.930 in

Diameter (in): 1) 1.975 2) 1.975 3) 1.975 Avg. 1.975 in

Uniaxial Compressive Strength: 9,213 psi Mass: 505.18 g

Load: 28,225 lbs. Wet Unit Weight: 159.8 pcf

L/D: 2.0 Dry Unit Weight: 159.2 pcf

Water Content: 0.4 %

