



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-001-0-25 Run No.: R-2  
Depth (ft): 15.0'  
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 ☐ See Remarks  
☐ Saturated ☐ 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) 4.153 2) 4.153 3) 4.153 Avg. 4.153 in

Diameter (in): 1) 1.974 2) 1.974 3) 1.974 Avg. 1.974 in

Uniaxial Compressive Strength: 406 psi Mass: 487.12 g

Load: 1,243 lbs. Wet Unit Weight: 146.0 pcf

L/D: 2.1 Dry Unit Weight: 140.4 pcf

Water Content: 4.0 %

