



Laboratory Test Report

Quotation ref. # 18-10
Customer ID: 4942

Test Specimens Provided by: **Stony Creek Quarry Corporation**
99 Quarry Rd.
Branford, CT 06405

Material: **Stony Creek Granite**
Country of Origin: **USA**
Test Procedure: **ASTM C99 Standard Test Method for Modulus of Rupture of Dimension Stone**
Rift Orientation: **Perpendicular**
Preconditioning: **Dry**

Specimen Number	Span (in)	Width (in)	Thickness (in)	Load @ Failure (lbs)	Modulus of Rupture (lbs/in ²)	Modulus of Rupture (MPa)
PPD-C99-1	7.00	3.99	2.51	4,207	1,760	12.1
PPD-C99-2	7.00	3.99	2.52	4,621	1,910	13.2
PPD-C99-3	7.00	3.99	2.50	4,329	1,820	12.6
PPD-C99-4	7.00	3.99	2.50	3,807	1,600	11.1
PPD-C99-5	7.00	3.98	2.50	4,106	1,730	11.9

Average Modulus of Rupture: 1,760 12.2
Standard Deviation: 115 0.8
Coefficient of Variation: 6.5% 6.5%

Date of Tests: **Monday, 20 January, 2020**
Tests performed by: **R. Lawson**
Report and Data Reviewed by: **C. Muehlbauer**

These tests were performed on a Applied Testing Systems Universal Testing Machine Model 910. Loads were measured on Interface Model 1020AF-12.5K-B Load Cell, Serial No. 561415A, Last Date of Calibration: August 19, 2019, traceable to the National Institute of Standards Technology (NIST).

380 E. Lorain Street • Oberlin, OH 44074
440.250.9222

www.naturalstoneinstitute.org



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Material: **Stony Creek Granite**
Country of Origin: **USA**
Test Procedure: **ASTM C99 Standard Test Method for Modulus of Rupture of Dimension Stone**
Rift Orientation: **Parallel**
Preconditioning: **Dry**

Specimen Number	Span (in)	Width (in)	Thickness (in)	Load @ Failure (lbs)	Modulus of Rupture (lbs/in ²)	Modulus of Rupture (MPa)
LLD-C99-1	7.00	4.00	2.50	3,678	1,540	10.7
LLD-C99-2	7.00	4.00	2.50	4,344	1,820	12.6
LLD-C99-3	7.00	4.00	2.49	3,703	1,570	10.8
LLD-C99-4	7.00	3.99	2.50	3,744	1,580	10.9
LLD-C99-5	7.00	3.99	2.49	3,962	1,680	11.6

Average Modulus of Rupture: 1,640 11.3
Standard Deviation: 115 0.8
Coefficient of Variation: 7.0% 7.1%

Date of Tests: **Monday, 20 January, 2020**
Tests performed by: **R. Lawson**
Report and Data Reviewed by: **C. Muehlbauer**

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