



Laboratory Test Report

Quotation ref. # 18-10
Contact # 4942

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

Trade Name of Material: **Stony Creek Granite**
Finish: **Honed**
Country of Origin: **USA**
Test Procedure: **ASTM C880 Standard Test Method for Flexural Strength of Dimension Stone**
Rift Orientation: **Perpendicular**
Preconditioning: **Dry 48 hours in a ventilated oven at 60 ± 2°C**

TEST RESULTS						
Specimen Number	Span (in)	Breadth (in)	Depth (in)	Load @ Failure (lbs)	Flexural Strength (lbs/in ²)	Flexural Strength (MPa)
PPD-C880-1	20.00	3.99	1.99	1,350	1,280	8.8
PPD-C880-2	20.00	3.96	1.99	1,650	1,580	10.9
PPD-C880-3	20.00	3.91	2.00	1,220	1,170	8.1
PPD-C880-4	20.00	3.99	1.96	1,380	1,350	9.3
PPD-C880-5	20.00	3.99	1.96	1,450	1,420	9.8
Average Flexural Strength:					1,360	9.4
Standard Deviation:					154	1.1
Coefficient of Variation:					11.3%	11.2%

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



Laboratory Test Report

Quotation ref. # 18-10
Contact # 4942

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

Trade Name of Material: **Stony Creek Granite**
Finish: **Honed**
Country of Origin: **USA**
Test Procedure: **ASTM C880 Standard Test Method for Flexural Strength of Dimension Stone**
Rift Orientation: **Parallel**
Preconditioning: **Dry** **48 hours in a ventilated oven at 60 ± 2°C**

TEST RESULTS						
Specimen Number	Span (in)	Breadth (in)	Depth (in)	Load @ Failure (lbs)	Flexural Strength (lbs/in ²)	Flexural Strength (MPa)
LLD-C880-1	20.00	3.89	1.99	1,250	1,220	8.4
LLD-C880-2	20.00	3.91	2.00	1,510	1,450	10.0
LLD-C880-3	20.00	3.91	2.00	1,450	1,390	9.6
LLD-C880-4	20.00	3.89	1.99	1,420	1,380	9.5
LLD-C880-5	20.00	3.91	1.99	1,610	1,560	10.8
Average Flexural Strength:					1,400	9.7
Standard Deviation:					123	0.9
Coefficient of Variation:					8.8%	8.9%

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