



Laboratory Test Report

Quote ref. # 18-10
Customer ID: 4942

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

TradeName of Material: **Stony Creek Granite**
Country of Origin: **USA**
Test Procedure: **ASTM C1353 Standard Test Method for Abrasion Resistance of Dimension Stone Subjected to Foot Traffic Using a Rotary Platform Abraser**

Specimen Number	Initial Weight (grams)	Weight after Abrading (grams)	Bulk Specific Gravity*	Number of Revolutions	Abrasion Index (I_w)
SCG-C1353-1	205.88	204.97	2.634	1,000	106.4
SCG-C1353-2	202.33	201.75	2.634	1,000	166.9
SCG-C1353-3	202.24	201.75	2.634	1,000	197.5

Average: 156.9

Standard Deviation: 46.4

Coefficient of Variation: 29.6%

* Value determined via ASTM C97 using the modified geometry of the specimens used for this test.

Date of Tests: **Friday, January 17, 2020**
Tests performed by: **R. Lawson**
Report and Data Reviewed by: **C. Muehlbauer**

NOTE: Test results from hard and coarse-grained stones such as granite should be viewed with caution. Hard stones may both polish and abrade, thus resulting in an increase in the indicated value of I_w . Coarse-grained stones may exhibit a wider than normal variation of I_w results in addition to polishing and abrading because of differences in hardness between grains.

These tests were performed on a Taber Abraser Model 5130 (single platform) machine, Serial No. 20161679, using H-22 Calibrade abrasive wheels. Last Date of Calibration: August 19, 2019.

380 E. Lorain Street • Oberlin, OH 44074
440.250.9222
www.naturalstoneinstitute.org