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Analysis No. TS-S&T2001821 Report Date 15 May 2020

Quarry/Fabricator New England Stone Industry

Date Sampled 04 April 2020

Where Sampled Rapidan, VA USA

Sample Received 14 April 2020

Sampled By Client

This is to attest that we have examined Natural Stone Material identified: Jet Mist Granite with Water Jet Finish

When examined to the applicable requirements of:

ASTM C 97-18

"Standard Test Method for Absorption and Bulk Specific Gravity of Dimensional Stone"

ASTM C 99-18

ASTM C 170-17

ASTM C241-151

ASTM C 880-18

"Standard Test Method for Modulus of Rupture of Dimensional Stone"

"Standard Test Method for Compressive Strength of Dimensional Stone"

"Standard Test Method for Abrasion Resistance of Stone Subjected to Foot Traffic"

"Standard Test Method for Flexural Strength of Dimension Stone"

The material has the following average properties:

Average % Absorption 0.16

Average Bulk Specific Gravity 189.9 lbs/ft<sup>3</sup>

3 044 kg/m<sup>3</sup>

Modulus of Rupture Perpendicular Dry 5 500 psi

Compressive Strength Perpendicular Dry 30 100 psi

Abrasion Resistance 29.3 Ha

<sup>1</sup>NOTE: For Igneous Samples we run ASTM C 241 for Sedimentary and Metamorphic Samples we run ASTM C 1353

Flexural Strength Perpendicular Dry 5 400 psi

**END OF ANALYSIS** 

The attached Report of Test is an integral portion of this Summation Certificate.

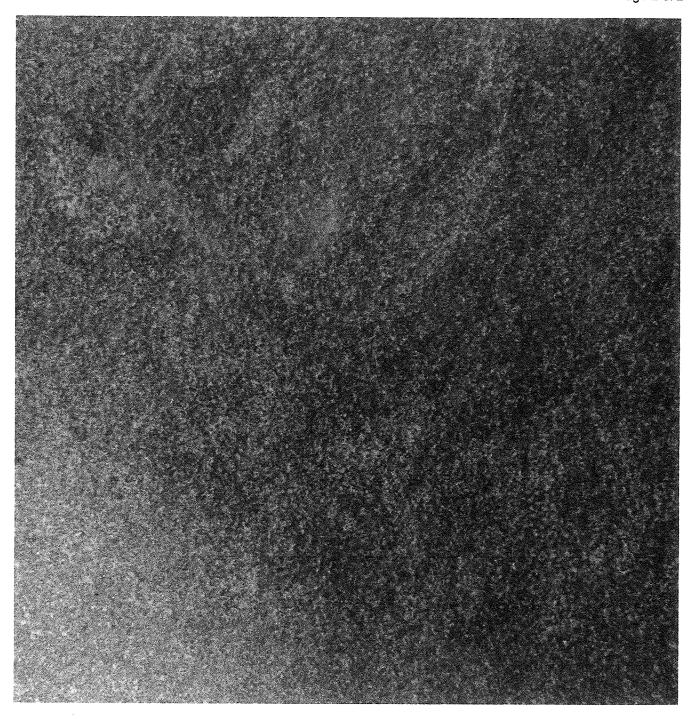
Frank Strickland – MS-Geology Director, Stone & Tile Laboratory



3455 South 500 West SELVICES Salt Lake City, UT 84115-4234 USA

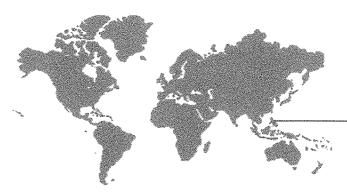
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Sample as Received

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Analysis No. TS-S&T2001817 Report Date 01 May 2020

Quarry/Fabricator New England Stone Industry

Date Sampled 04 April 2020

Where Sampled Rapidan, VA USA

Sample Received 14 April 2020

Sampled By Client

This is to attest that we have examined Natural Stone Material identified: Jet Mist Granite with Water Jet Finish

When examined to the applicable requirements of:

ANSI/NFSI B101.3-2012

"Test Method for Measuring Wet DCOF of Common Hard Surface

Floor Materials"

The material has the following average properties:

Sample Identification	Dynamic Coefficient of Friction Wet (DCOF Wet)
Jet Mist with Water Jet Finish	0.79 Average

## **END OF ANALYSIS**

The attached Report of Test is an integral portion of this Summation Certificate.

Frank Strickland – MS-Geology Director, Stone & Tile Laboratory

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Prices Salt Lake City, UT 84115-4234 USA

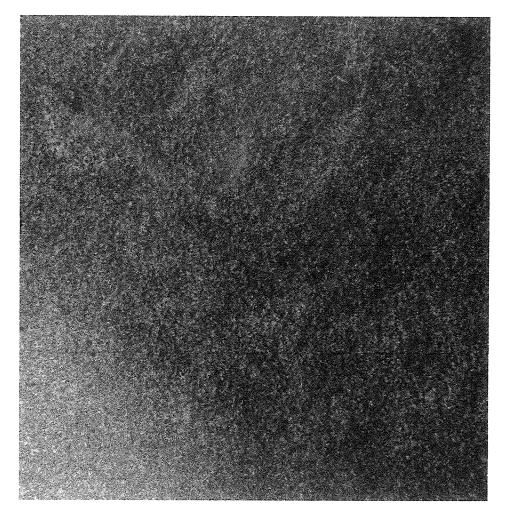
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Table 1.

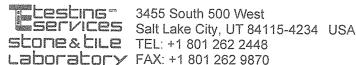
Wet DCOF Value (μD)	Slip Resistance Potential	Action
>0.45 (inclines) >0.42 (level)	High - Lower probability of slipping	Monitor DCOF regularly and maintain cleanliness.
0.30 - 0.45 (inclines) 0.30 - 0.42 (level)	Acceptable - Increased probability of slipping	Monitor DCOF regularly and maintain cleanliness. Consider traction enhancing products and practices where applicable for intended use
< 0.30	Low - Higher probability of slipping	Seek professional intervention. Consider replacing flooring and/or coating with high traction products.

See NOTE in Standard for additional information on Table 1.

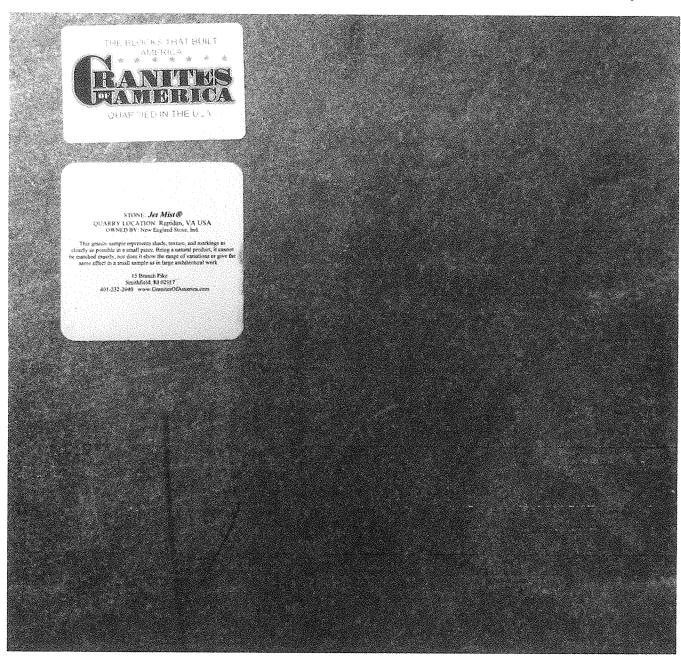


Sample as Received Finished Side

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Sample as Received Reverse Side

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Sample Under Test

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