



ANDERSON ENGINEERING CONSULTANTS, INC.

10205 ROCKWOOD ROAD – LITTLE ROCK, ARKANSAS 72204

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September 30, 2016

Job No. 14055

cory@rainbowstonecompany.com

Mr. Cory Hamilton
Rainbow Stone Company, Inc.
P. O. Box 102
Subiaco, Arkansas 72865

Re: Rainbow Stone Company Rock Testing
Subiaco, Arkansas

Dear Mr. Hamilton:

This letter is issued in response to your request for our services to perform physical property tests on stone material.

SCOPE

Six (6) samples of quarry stone material were delivered to our laboratory for testing. (Samples were Labeled Brindle, Hazelnut, Rainbow, Fieldstone, Abbey and Gunsmoke).

TEST PROCEDURES

- ASTM D 6473 Specific Gravity and Absorption of Rock for erosion Control.
- ASTM D 7012 Compressive Strength and Elastic Moduli of Intact Rock Core Specimens Under Varying States of Stress and Temperatures (Method C).
- ASTM D 2216 Laboratory Determination of Water (Moisture) Content of Soil and Rock.

TEST RESULTS

<u>SPECIMEN NUMBER</u>	<u>BULK SPECIFIC GRAVITY</u>	<u>BULK SPECIFIC GRAVITY</u>	<u>APPARENT SPECIFIC GRAVITY</u>	<u>ABSORPTION (PERCENT)</u>	<u>COMPRESSIVE STRENGTH(PSI)</u>
Brindle	2.62	2.63 (SSD)	2.65	0.46	16,470
Hazelnut / Midway Brown	2.46	2.52 (SSD)	2.61	2.27	8,150
Rainbow	2.51	2.55 (SSD)	2.61	1.5	33,450
Fieldstone	2.51	2.55 (SSD)	2.63	1.9	15,300
Abbey	2.52	2.56 (SSD)	2.64	1.9	24,590
Gunsmoke	2.60	2.62 (SSD)	2.67	0.9	19,120

It has been our pleasure to provide these services to you and are always available should you require further services.

Very Truly Yours,
ANDERSON ENGINEERING CONSULTANTS, INC.

Myles D. Graham, SET
Laboratory Manager

MDG/mdg
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