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**To:** Cobra Stone, Inc.  
 P.O. Box 705  
 Jarrell, TX 76537  
 Attn: Mr. Fabian Hernandez

**Project:** Cobra Stone, Inc.

P.O. #023752  
**Project No.:** 20180443.001A

**Control No.:** 050208A

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**REPORT OF:** Specific Gravity and Absorption of Dimension Stone  
**TEST METHOD:** ASTM C-97  
**LAB NUMBER:** G-4116  
**MATERIAL SOURCE:** Cobra Stone, Inc.; Williamson County, Texas  
**MATERIAL DESCRIPTION:** Dimension Stone, Yellowish White limestone; 3", sawn faces and sides; "Cream/White Limestone"  
**SAMPLED BY:** Client delivered samples to lab  
**TEST PERFORMED BY:** K. Woodard, NICET #107418

**RESULTS:**

Specimen Number	SSD Wt. in Air, g	SSD Wt. in Water, g	Oven Dry Wt. in Air, g	Absorption, %	Density	
					lb./cu.ft.	Spec. Grav.
1	474.2	275.3	447.3	6.01	140.3	2.249
2	470.8	273.2	442.6	6.37	139.8	2.240
3	466.7	271.1	439.2	6.26	140.1	2.245
4	457.8	265.6	430.7	6.29	139.8	2.241
5	472.9	278.1	447.9	5.58	143.5	2.299
<b>Average of Sample:</b>				6.10	140.7	2.255
<b>Standard Deviation:</b>				0.32	1.57	0.025

Photo of C99 MOR Specimen, after testing:



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**REPORT OF:** Modulus of Rupture of Dimension Stone  
**TEST METHOD:** ASTM C-99  
**LAB NUMBER:** G-4116  
**MATERIAL SOURCE:** Cobra Stone, Inc.; Williamson County, Texas  
**MATERIAL DESCRIPTION:** Dimension Stone, Yellowish White limestone; 4" x 2-1/4" x 8", sawn faces and sides; "Cream/White Limestone"  
**SAMPLED BY:** Client delivered samples to lab  
**TEST PERFORMED BY:** K. Woodard, NICET #107418

**RESULTS:** Rift Direction – Perpendicular - Oven Dry Condition

Specimen Mark	Total Load, lbs.	Width, in.	Thickness, in.	Modulus of Rupture	
				PSI	MPa
1	2,370	4.08	2.33	1,123	7.75
2	2,595	4.03	2.34	1,235	8.51
3	2,650	4.03	2.32	1,283	8.84
4	2,610	4.05	2.33	1,246	8.59
5	2,705	4.03	2.35	1,276	8.80
<b>Average of Sample:</b>				<b>1,230</b>	<b>8.50</b>
<b>Standard Deviation:</b>				<b>64</b>	<b>0.44</b>

Note: Test span length = 7.0"

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**REPORT OF:** Compressive Strength of Dimension Stone  
**TEST METHOD:** ASTM C-170  
**LAB NUMBER:** G-4116  
**MATERIAL SOURCE:** Cobra Stone, Inc.; Williamson County, Texas  
**MATERIAL DESCRIPTION:** Dimension Stone, Yellowish White limestone; 3" cubes, sawn faces and sides; "Cream/White Limestone"  
**SAMPLED BY:** Client delivered samples to lab  
**TEST PERFORMED BY:** K. Woodard, NICET #107418

**RESULTS:** Rift Direction – Not Discernible - Oven Dry Condition

Specimen Mark	Total Load, lbs.	Width, in.	Thickness, in.	Area (sq. in.)	Comp. Strength	
					PSI	MPa
1	57,025	3.03	3.13	9.48	6,013	41.46
2	56,885	3.07	3.07	9.42	6,036	41.61
3	53,520	3.04	3.07	9.33	5,735	39.54
4	54,210	3.00	3.14	9.42	5,755	39.68
5	52,780	3.06	3.07	9.39	5,618	38.74
<b>Average of Sample:</b>					<b>5,830</b>	<b>40.20</b>
<b>Standard Deviation:</b>					<b>184</b>	<b>1.27</b>

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**REPORT OF:** Flexural Strength of Dimension Stone  
**TEST METHOD:** ASTM C-880  
**LAB NUMBER:** G-4116  
**MATERIAL SOURCE:** Cobra Stone, Inc.; Williamson County, Texas  
**MATERIAL DESCRIPTION:** Dimension Stone, Yellowish White limestone; 4" x 1-1/4" x 15",  
 sawn faces and sides; "Cream/White Limestone"  
**SAMPLED BY:** Client delivered samples to lab  
**TEST PERFORMED BY:** K. Woodard, NICET #107418

**RESULTS:** Rift Direction – Not Discernible - Oven Dry Condition

Specimen Mark	Total Load, lbs.	Width, in.	Thickness, in.	Flexural Strength	
				PSI	MPa
1	705	4.03	1.31	956	6.59
2	760	4.03	1.31	1,030	7.10
3	760	4.02	1.30	1,049	7.23
4	695	4.04	1.32	926	6.38
5	745	4.03	1.30	1,026	7.07
Average of Sample:				1,000	6.88
Standard Deviation:				53	0.37

Note: Test span length = 12.5"

Report Reviewed by: \_\_\_\_\_

Robert S. Wright, P.E.

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