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Earthworks Stone Testing Data

LUNAR BLUE

Report No. A-490263

Compressive Strength Test Data - ASTM C170

Dimensional Stone - perpendicular to the rift

<u>Sample #</u>	<u>Applied Load - Lbs</u>	<u>Area Sq. In.</u>	<u>Strength Lbs./Sq.In.</u>
1	64,590	4.0	16,150
2	48,760	4.0	12,190
3	46,620	4.0	11,660
4	48,680	4.0	12,170
5	60,420	4.0	15,110
Average			13,460

Dimensional Stone - parallel to the rift

<u>Sample #</u>	<u>Applied Load - Lbs</u>	<u>Area Sq. In.</u>	<u>Strength Lbs./Sq.In.</u>
1	52,890	4.0	13,220
2	70,590	4.0	17,650
3	46,710	4.0	11,680
4	39,070	4.0	9,770
5	52,150	4.0	13,040
Average			13,070

Specific Gravity and Absorption - ASTM C127

<u>Sample #</u>	<u>Specific Gravity</u>	<u>Absorption, %</u>
1	2.685	0.3
2	2.672	0.6
3	2.678	0.2
4	2.683	0.3
5	2.671	0.5
Average	2.678	0.4