



## Report of Threaded Rod Anchor Pullout Test

**Client:** Bonstone Material Corporation **Report No.:** 902317  
**Project No.:** 0611892 **Date of Service:** June 30, 2006

**Stone Type:** Indiana Limestone  
**Adhesive:** Fast Set 41 Epoxy

**Test Method:** ASTM C 1354, Standard Test Method for Strength of Individual Stone Anchorages in Dimension Stone

**Calculation:** Anchorage system load = Test machine load

**Loading:** Constant rate of loading at 600 lbs./minute until failure

**Anchor Description:** 1/4" diameter threaded rod with nominal 1" embedment

**Nominal Dimensions:**

Length (inches)	Width (inches)	Thickness (inches)
12	12	2.00

**Conditioning:** Tested in an "as is" condition

**Finish:** Honed

Sample Number	Failure Mode	Anchorage System Load (lbf.)
1	Stone fracture through anchor	1,768
2	4" cone	1,615
3	Stone fracture through anchor	1,538
4	Stone fracture through anchor	1,706
5	1.5" cone	1,631
<b>Average Anchorage System Load:</b>		<b>1,652</b>
Standard Deviation:		88
Variance (percent):		5.33