



Report of Threaded Rod Shear Test

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

Stone Type: Concrete (approximately 4000 psi)
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	Bolt sheared	2,799
2	Bolt sheared	1,879
3	Anchor pullout	1,991
4	Bolt sheared	3,216
5	Anchor pullout	2,245
Average Anchorage System Load:		2,426
Standard Deviation:		567
Variance (percent):		23.37