

Test: **Compressive Strength**
Date: June 27, 2003
Client: Rocky Mountain Stone Works
Project No: 3041212
Product: Manufactured concrete stone
Test Method: ASTM C140-02a - Standard Test Methods for
Sampling and Testing Concrete Masonry Units and Related Units
Conditioning: 7 days @ 73 +/- 5 deg F, and 50% relative humidity
Crosshead Speed: 0.1 in/min (Dial @ 2.0)
Equipment: Tinius Olsen, 10K pressure transducer ITS ID 9-0432
Mitutoyo Digital Calipers CD-18 SN 7003817
Mitutoyo Digital Calipers SN 98865 ITS ID 52650

Sample	Height	Length	Width	Max Load	Net Area Comp. Strength	
	(mm)	(mm)	(mm)	(lbf)	(MPa)	(psi)
1	74.6	147.8	37.9	16645	13.2	1918
2	74.1	147.9	38.3	18756	14.7	2135
3	74.1	147.7	35.8	14296	12.0	1744

Mean Result	13.3 MPa	1932 psi
Coefficient of Variation	10.1 %	10.1 %
CCMC 07483 (minimum)	12 MPa	