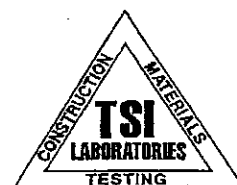


# T.S.I. LABORATORIES, INC.



TRINITY SOIL INVESTIGATIONS  
 901 E. Expressway 83  
 La Feria, Texas 78559

Tel: (956) 797-9031  
 Fax: (956) 797-2056  
 Email: tsi\_laferia@sbcglobal.net

**Tested For:** Innovative Block of South Texas      **Project:** 8" Double Bull Nose  
 Lt. Wt. Mix Design  
 Part #8871XXXX  
 Mft. Date: 1-26-08

**Lab #:** 0208-19-1

REMARKS: On 02/07/08 (6) Concrete Masonry Units were tested. The units sampled were 2cell 8" x 8" x 16" nominal. In accordance with ASTM C-140 test procedures. Three units were tested for compressive strength and three units were retained for additional testing if requested. The results are as follows:

Block I.D.	Load (lbs)	Net Area (in <sup>2</sup> )	Compressive Strength (PSI)	Absorption (%)	Absorption (lbs - ft <sup>3</sup> )
A	151,560	56.00	2,706	-----	-----
B	137,460	56.00	2,455	-----	-----
C	126,400	56.00	2,257	-----	-----
D	-----	-----	-----	11.21	11.52
E	-----	-----	-----	10.40	10.01
F	-----	-----	-----	9.46	9.85
Average of three (3):			2,473		10.79

### ASTM C-90 Requirements

Individual ..... 1700 Minimum  
 Average of (3) ..... 1900 Minimum      13.0 maximum

Remarks: The Concrete Masonry Units sampled did or did not meet the compressive requirements strength.



T. S. I. Laboratories, Inc.

*[Signature]*  
 Victor H. Garcia, P.E.

03-03-08