



# CONSTRUCTION CONSULTING & TESTING, INC.

TOLEDO OFFICE - 700 S. River Road \* Waterville, Ohio 43566 \* Ph.: (419) 878-7304

DETROIT OFFICE - 35410 Mound Rd. \* Sterling Hts., Michigan 48310 \* Ph.: (586) 795-2877

Client: Berea Sandstone  
P. O. Box 511  
Oberlin, Ohio 44074

Project: Sandstone Testing  
Buff Material

Date: October 13, 2003

Lab No.: L03169  
CCT No.: 107-03033-1

## Report of Services

Construction Consulting & Testing, Inc., has completed physical tests on the sandstone samples submitted to our lab on October 2, 2003.

Testing was performed in general accordance with the following ASTM Standards:

- C 97 - Absorption and Bulk Specific Gravity of Dimension Stone
- C 99 - Modulus of Rupture of Dimension Stone
- C 170 - Compressive Strength of Dimension Stone

C 99 and C 170 were performed under the dry condition, perpendicular to the bedding planes.

Sample ID: Berea Sandstone - Buff Material.

### C 97- Absorption and Bulk Specific Gravity

Sample ID:	1	2	3	4	5	Average
Absorption:	6.32	6.18	6.21	6.3	6.43	6.29
BSG:	2.139	2.136	2.136	2.138	2.138	2.137

### C 99- Modulus of Rupture

Sample ID:	6	7	8	9	10	Average
Mod. of Rup. (psi)	765	755	660	650	815	729

### C 170 - Compressive Strength

Sample ID:	1	2	3	4	5	Average
Comp. Stren. (psi)	7890	7620	7520	7710	7190	7586

Tested By: Steve Duty

Reviewed By: Mitch D. Forst, P.E.

Distribution: Steve Mason - Berea Sandstone