



Summit Testing & Inspection Company

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September 18, 1991

Applied Concrete Technology, Inc.
P.O. Box 4015
Arlington Heights, Illinois 60006-4015

Attention: David Johnson, President

Gentlemen:

This letter presents the results of compression testing of two (2) concrete cores UPS'd to us by your company. These were identified as "Treated" and "Untreated" per your instructions.

The samples, 3.71 inches in diameter and approximately 10 inches long, were received on Tuesday, September 10th. They were trimmed with a diamond saw blade so that they would have a length:diameter ratio of approximately 2:1 after capping with a high strength sulfur compound. They were then kept in room air at ambient temperatures of 60 - 80° F.

The tests were conducted on Monday, September 16 with the following results:

Sample I.D.	Diameter (inches)	Area (Sq. in.)	Capped Length (in.)	Total Load (lbs.)	Compressive Strength (psi)
Treated	3.71	10.81	7.08	80,000	7,350*
Untreated	3.71	10.81	7.14	52,500	4,860

**Corrected for length:diameter ratio of less than 1.94.*

Should there be any questions regarding these tests, please do not hesitate calling our office.

Respectfully submitted,

SUMMIT TESTING & INSPECTION COMPANY

John Malivuk, P.E.

JM:p

pc: file