

**CONDITION ASSESSMENT & LOAD EVALUATION
9TH STREET BRIDGE OVER SYDENHAM RIVER
CITY OF OWEN SOUND**

APPENDIX "D"

COMPRESSION TEST RESULTS

COMPRESSIVE STRENGTH TEST REPORT

Project: 9th Street Bridge

Project No.: B-1097

Location: 9th Street E/W - Owen Sound

Client: The City of Owen Sound

Contractor: 1

Core No.	Density Kg/m ³	Average Length After Capping (mm)		Average Dia. (mm)	Length to Dia. Ratio	Correction Factor	Loading kN	Corrected Strength MPa
C ₁	2295	685.4	115.0	57.5	2:1	1.0	162.02	62.4
C ₂	2312	690.4	115.0	57.5	2:1	1.0	131.42	50.6
C ₃	2412	720.4	115.0	57.5	2:1	1.0	160.86	62.0
C ₆	2365	706.3	115.0	57.5	2:1	1.0	135.78	52.3
								Avg: 56.8

Specified Strength (Mpa): Unkown **Date of Pour:** 1947 **Date Tested:** May 9, 2007

Location of Coring: See report by vector **Age of Concrete:** 60 years

Cored By: Vector **Of:** _____

Remarks: Tined surface on C₁ and C₂

Copies to: File No. B-1097

We hereby certify that the cores have been
Tested in accordance with CSA Standard
A23.2M00.

Lab No.: 23716, 23717, 23718, 23719

Date:

GAMSBY AND MANNEROW LIMITED