



exp Services Inc.
885 Regent Street
Sudbury, Ontario
P3E 5M4
Telephone: (705) 674-9681
Facsimile: (705) 674-8271

CONCRETE MASONRY UNITS - TEST REPORT

(CSA CAN-A165 SERIES-M04)

PROJECT NO.: SUD-00015261-AM
CLIENT: Brown's Concrete
PROJECT: Brown's Concrete Block Testing
BLOCK TYPE: Standard 20

DATE: 16-Nov-2018

LAB NO.	6031	6032	6033	6034	6035	6036
DATE TESTED	16-Nov-18	16-Nov-18	16-Nov-18	16-Nov-18	16-Nov-18	16-Nov-18
HEIGHT (mm)	190	190	190	190	190	190
WIDTH (mm)	190	190	190	190	190	190
LENGTH (mm)	390	390	390	390	390	390
% SOLID	53.2	58.6	54.4			
WEIGHT AS RECEIVED (kg)	17.15	18.80	17.59	18.73	16.88	17.50
ABSORPTION (kg/m ³)	132.1	156.3	136.9			
ABSORPTION (%)	6.0	7.2	6.2			
DENSITY (kg/m ³)	2199	2184	2203			
GROSS COMP. STRENGTH (MPa)				23.3	20.8	24.6
NET COMP. STRENGTH (MPa)				42.1	37.6	44.4

COMMENTS: MASONRY BLOCKS TESTED WERE FOUND TO MEET THE FIRST THREE FACETS OF
PHYSICAL PROPERTIES AS LISTED IN CSA CAN-A165.1-04

DISTRIBUTION:



exp Services Inc.

885 Regent Street
Sudbury, Ontario

P3E 5M4

Telephone: (705) 674-9681

Facsimile: (705) 674-8271

CONCRETE MASONRY UNITS - TEST REPORT

(CSA CAN-A165 SERIES-M04)

PROJECT NO.: SUD-00015261-AM

DATE: 16-Nov-2018

CLIENT: Brown's Concrete

PROJECT: Brown's Concrete Block Testing

BLOCK TYPE: Standard 25

LAB NO.	6037	6038	6039	6040	6041	6042
DATE TESTED	16-Nov-18	16-Nov-18	16-Nov-18	16-Nov-18	16-Nov-18	16-Nov-18
HEIGHT (mm)	190	190	190	190	190	190
WIDTH (mm)	240	240	240	240	240	240
LENGTH (mm)	390	390	390	390	390	390
% SOLID	54.8	51.3	51.2			
WEIGHT AS RECEIVED (kg)	22.44	20.76	20.82	20.71	20.94	22.50
ABSORPTION (kg/m ³)	123.8	118.6	110.1			
ABSORPTION (%)	5.5	5.3	4.9			
DENSITY (kg/m ³)	2231	2226	2225			
GROSS COMP. STRENGTH (MPa)				16.1	19.1	21.9
NET COMP. STRENGTH (MPa)				30.8	36.5	41.8

COMMENTS: MASONRY BLOCKS TESTED WERE FOUND TO MEET THE FIRST THREE FACETS OF PHYSICAL PROPERTIES AS LISTED IN CSA CAN-A165.1-04

DISTRIBUTION: