



# ATLANTIC TESTING LABORATORIES

February 9, 2009

Chippewa Stone LLC  
PO Box 462  
Fort Ann, New York 12827

Attn: Bonnie Graves

Re: Masonry Laboratory Testing  
Stone Quarry  
Fort Ann, New York  
ATL Report No.: CT2866ML-03-01-09

Ms. Graves:

On January 20, 2009, one sample of Blue Indigo Stone (ATL Sample No. CT2866M1) from Fort Ann, New York was delivered to our Canton, New York facility for testing. A Flexural Strength of Dimension Stone in accordance with ASTM C 880 was performed on this sample. The specimens used in the tests were four inches wide, one and a quarter inches thick, and fifteen inches long. The results follow:

### Flexural Strength of Dimension Stone ASTM C 880

ATL Sample No.	Loading Orientation to Bedding	Moisture Condition	Compressive Strength (psi)
CT2866M1	Perpendicular	Dry	1,975
	Perpendicular	Dry	1,300
	Perpendicular	Dry	2,235
	Perpendicular	Dry	---*
	Perpendicular	Dry	---*
Average	Perpendicular	Dry	1,835

Due to a defect in the specimen failure was reached before a load could be recorded.

Please contact our office should you have any questions or if we may be of further service.

Sincerely,  
ATLANTIC TESTING LABORATORIES, Limited

  
Ryan C. Armstrong, CET  
Project Manager

RCA/mng



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February 9, 2009

Chippewa Stone LLC  
PO Box 462  
Fort Ann, New York 12827

Attn: Bonnie Graves

Re: Masonry Laboratory Testing  
Stone Quarry  
Fort Ann, New York  
ATL Report No.: CT2866ML-02-01-09

Ms. Graves:

On January 20, 2009, one sample of Blue Indigo Stone (ATL Sample No. CT2866M1) from Fort Ann, New York was delivered to our Canton, New York facility for testing. A Compressive Strength of Dimension Stone in accordance with ASTM C 170 was performed on this sample. The specimens used in the tests were two inch nominal width cubes prepared using a mechanically fed rock saw. The results follow:

### Compressive Strength of Dimension Stone ASTM C 170

ATL Sample No.	Loading Orientation to Bedding	Moisture Condition	Compressive Strength (psi)
CT2866M1	Perpendicular	Dry	38,600
	Perpendicular	Dry	43,400
	Perpendicular	Dry	40,900
	Perpendicular	Dry	43,100
	Perpendicular	Dry	42,000
Average	Perpendicular	Dry	41,600

ATL Sample No.	Loading Orientation to Bedding	Moisture Condition	Compressive Strength (psi)
CT2866M1	Parallel	Dry	33,200
	Parallel	Dry	41,100
	Parallel	Dry	26,900
	Parallel	Dry	29,000
	Parallel	Dry	34,100
Average	Parallel	Dry	32,900

Please contact our office should you have any questions or if we may be of further service.

Sincerely,  
ATLANTIC TESTING LABORATORIES, Limited

Ryan C. Armstrong, CET  
Project Manager

RCA/mng



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February 9, 2009

Chippewa Stone LLC  
PO Box 462  
Fort Ann, New York 12827

Attn: Bonnie Graves

Re: Masonry Laboratory Testing  
Stone Quarry  
Fort Ann, New York  
ATL Report No.: CT2866ML-01-01-09

Ms. Graves:

On January 20, 2009, one sample of Blue Indigo Stone (ATL Sample No. CT2866M1) from Fort Ann, New York was delivered to our Canton, New York facility for testing. An Absorption and Bulk Specific Gravity of Dimension Stone in accordance with ASTM C 97 was performed on this sample. The results follow:

**ABSORPTION AND BULK SPECIFIC GRAVITY OF DIMENSION STONE**  
**ASTM C 97**

ATL Sample No.	Absorption (% by weight)	Bulk Specific Gravity	Dry Unit Weight (pcf)
CT2866M1	0.10	2.75	172
	0.10	2.72 (lowest)	170
	0.10	2.78 (highest)	173
Average	0.10	2.75	172

Please contact our office should you have any questions or if we may be of further service.

Sincerely,  
ATLANTIC TESTING LABORATORIES, Limited

  
Ryan C. Armstrong, CET  
Project Manager

RCA/mng