

# CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D.& T.S., INC.  
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CLIENT: **ADIRONDACK NATURAL STONE**

POST OFFICE BOX 225  
 WHITEHALL, NEW YORK 12887

REPORT DATE: 09/19/07  
 OUR FILE NUMBER: 1246.001  
 LAB CONTROL NUMBER: 9539

**PROJECT: DIMENSION STONE EVALUATION: BLUE MOUNTAIN PRODUCT**

TEST PARAMETER:	ASTM C-97: ABSORPTION & BULK SPECIFIC GRAVITY OF DIMENSION STONE				
SPECIMEN NUMBER	DRY WEIGHT	SUBMERGED	SURFACE DRY	SPECIFIC GRAVITY	ABSORPTION
1	494.06	316.17	495.11	2.76	0.21%
2	497.32	317.46	498.49	2.75	0.24%
3	499.51	319.18	501.12	2.75	0.32%
<b>AVERAGE SPECIFIC GRAVITY &amp; ABSORPTION:</b>				<b>2.75</b>	<b>0.26%</b>

TEST PARAMETER:	ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)
1	7.00	4.18	2.33	5302	2453
2	7.00	4.16	2.37	5774	2595
3	7.00	4.10	2.41	6811	3003
4	7.00	4.17	2.38	5981	2659
5	7.00	4.15	2.36	5566	2528
<b>AVERAGE MODULUS OF RUPTURE (psi):</b>					<b>2648</b>

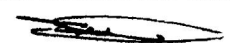
TEST PARAMETER:	ASTM C-99: MODULUS OF RUPTURE OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	SPAN	WIDTH	THICKNESS	APPLIED LOAD	RUPTURE (psi)
1	7.00	4.11	2.29	962	469
2	7.00	4.18	2.31	585	275
3	7.00	4.20	2.38	764	337
4	7.00	4.15	2.40	877	385
5	7.00	4.14	2.37	981	443
<b>AVERAGE MODULUS OF RUPTURE (psi):</b>					<b>382</b>

TEST PARAMETER:	ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	2.115	2.235	2.241	38800	7747
2	2.224	2.241	2.247	31800	6315
3	2.307	2.219	2.355	40450	7741
4	2.289	2.227	2.229	37150	7484
5	2.212	2.251	2.230	34650	6903
<b>AVERAGE COMPRESSIVE STRENGTH (psi):</b>					<b>7238</b>

TEST PARAMETER:	ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	2.202	2.233	2.237	63950	12802
2	2.237	2.231	2.229	54800	11020
3	2.221	2.224	2.215	57750	11723
4	2.219	2.200	2.221	66050	13518
5	2.266	2.216	2.231	59500	12035
<b>AVERAGE COMPRESSIVE STRENGTH (psi):</b>					<b>12220</b>

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RESPECTFULLY  
**CONSTRUCTION TECHNOLOGY**  
  
 TOM JOSLIN, S.E.T. (NICTD)  
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