

CONSTRUCTION TECHNOLOGY

INSPECTION & TESTING DIVISION, P.D.& T.S., INC.

4 William Street, Ballston Lake, New York 12019

Phone: (518) 399-1848 Fax: (518) 399-1913

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: 9540

PROJECT: **DIMENSION STONE EVALUATION: DOLPH POND PRODUCT - ADIRONDACK BLEND**

TEST PARAMETER:	ASTM C-97: ABSORPTION & BULK SPECIFIC GRAVITY OF DIMENSION STONE				
SPECIMEN NUMBER	DRY WEIGHT	SUBMERGED	SURFACE DRY	SPECIFIC GRAVITY	ABSORPTION
1	523.60	336.30	524.90	2.78	0.25%
2	378.70	245.00	379.80	2.81	0.29%
3	382.00	247.00	383.10	2.81	0.29%
AVERAGE SPECIFIC GRAVITY & ABSORPTION:				2.80	0.28%

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	2.30	4877	2316
2	7.00	4.15	2.33	1613	752
3	7.00	4.11	2.29	1500	731
4	7.00	4.18	2.34	3123	1433
5	7.00	4.13	2.35	4189	1928
AVERAGE MODULUS OF RUPTURE (psi):					1432

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	4.22	2.33	4208	1929
2	7.00	4.15	2.30	4585	2193
3	7.00	4.11	2.29	3906	1903
4	7.00	4.16	2.35	4651	2126
5	7.00	4.18	2.38	4764	2113
AVERAGE MODULUS OF RUPTURE (psi):					2053

TEST PARAMETER:	ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PERPENDICULAR TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	2.216	2.223	2.358	71300	13602
2	2.118	2.046	1.998	16100	3938
3	1.996	2.008	2.135	49850	11628
4	2.346	2.226	2.206	55550	11312
5	2.254	2.119	2.231	39100	8271
AVERAGE COMPRESSIVE STRENGTH (psi):					9750

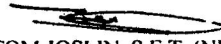
TEST PARAMETER:	ASTM C-170: COMPRESSIVE STRENGTH OF DIMENSION STONE: PARALLEL TO RIFT				
SPECIMEN NUMBER	HEIGHT	LENGTH	WIDTH	APPLIED LOAD	UNIT PSI
1	2.199	2.205	2.221	22300	4554
2	2.009	2.234	2.118	27950	5907
3	2.216	2.008	2.235	33150	7387
4	2.114	2.259	2.228	18900	3755
5	2.219	2.227	2.115	37650	7993
AVERAGE COMPRESSIVE STRENGTH (psi):					5919

REPORT DISTRIBUTION

1: FILE
2:
3:
4:

RESPECTFULLY,

CONSTRUCTION TECHNOLOGY


TOM JOSLIN, S.E.T. (NICET)

MANAGER TECHNICAL SERVICES