



American Granite Curb Producers

Concord Gray

Client:	Swenson Granite Company	Project:	
Material:	Concord Gray Granite	Project Number:	
Source:	Submitted by Swenson Granite Co	Report Number:	
Date Sample Received:		Sampled By:	Client
Date Tested:	11/30/1984	Tested By:	Penn. State University

Report of Compressive Strength	
Test Method: ASTM C170-50	
	Suitable rock core, approximately 4-1/4" in length and 2-3/4" in diameter were supplied. Materials were prepared into suitable cylindrical test specimens having an average length of 4.12", and an average diameter to length ratio (D/H) of .66
Specimen	Dry Condition, psi
1	21,068
2	21,975
3	22,902
Avg	21,982

Absorption and Bulk Specific Gravity					
Test Method: ASTM C97-47 (sample size 2" x 2" x 2")					
Specimen	Dry Weight	SSD Weight	Weight in Water	Absorption, % of Dry Weight	Bulk Specific Gravity
1				0.273	2.644
2				0.278	2.644
3				0.270	2.644
Avg				0.274	2.644

Modulus of Rupture of Dimension Stone			
Test Method: ASTM C 99-52			
Stone Type: Granite			
	Test Series #1 (4" x 8" x 2-1/4")	Test Series #2 (4" x 8" x 1-1/4")	Test Series #3 (4" x 8" x 1-1/4")
Sample#	Dry Condition, psi	Dry Condition, psi	Dry Condition, psi
1	2310	2660	2580
2	2430	2530	2660
3	2380	2600	2660
Avg	2373	2596	2633

Test series #2 involved the use of test specimens thinner than those specified in C99-52. All other test conditions remained the same.
 Test series #3 involved the use of test specimens thinner than those specified in C99-52, furthermore the upper surface of these specimens was rough (thermal finish).



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