

Tradavines Park Pavilion South Parking W7

WINGERTER LABORATORIES, INC.

Engineering Testing Inspection Services
 1820 NE 144th Street, North Miami, FL 33181
 TELEPHONE: 305-944-3401 FACSIMILE: 305-949-8698

**SOILS LABORATORY TEST REPORT
 LIMEROCK BEARING RATIO TEST**

page 1 of 2

CLIENT: White Rock Quarries
PROJECT: Mine # 87-339 (Main) QC 2012
CONTRACTOR:
LOCATION: 18301 NW 122nd Avenue, Miami, FL

REPORT NO.: 27
ORDER NO.: 12-1010
PERMIT NO.:
P.O. NO.:

Sampled By: T Reyes (Client)
 TIN: R20000065-000

Date Sampled: 11-16-12

Date Tested: 11-28-12

Tested By: Michael Major
 TIN: M26054180-000

Visual Soil Description: Tan Limerock Base Materials (B01)
 Sample Location: Stockpile Materials Sample #124604 Lims #12*158011

LIMEROCK BEARING RATIO(LBR)

Lab No.:	Test Specification	Optimum Moisture (%)	Maximum Dry Density (PCF)	L B R Value	Atterberg Limits
17844	FM-5-515	8.0	130.0	189.00	Non-Plastic

CARBONATE CONTENT

Lab No.:	Test Method:	Carbonate Content (%)	Silica & Insoluble Content (%)
17844	FM-5-514	82.00	18.00

PARTICLE SIZE ANALYSIS

Sieve Size:	3"	2 1/2"	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4
% Passing			100.00	90.50	53.10	42.90	30.40	25.60	18.70

Sieve Size:	#10	#20	#40	#60	#80	#140	#200	WASHED
% Passing	14.60	12.30	10.70	8.80	2.00	1.90	1.30	DRY

Remarks:

- Using the Unified Soil Classification System, the following terminology and definitions may be applied to determine the percentages of A) GRAVEL
 B) SAND C) SILT or CLAY
 1) COARSE SAND: Passing No. 4 sieve minus that passing the No. 10.
 2) MEDIUM SAND: Passing No. 10 Sieve minus that passing No. 40.
 3) FINE SAND: Passing No. 40 Sieve minus that passing No. 200.
 C) SILT OR CLAY: % of soil passing the No. 200 sieve.

ROBERT H. SCHULTZ
 LICENSED PROFESSIONAL ENGINEER
 WINGERTER LABORATORIES, INC.
 No. 34715
 STATE OF FLORIDA
 Robert H. Schultz, P.E., P.G.
 Florida License No. 34715
 11-29-12

The original of this report was signed and sealed by the above Registered Professional Engineer in accordance with Rule 61G15-18.011 of the Florida Administration Code. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

WINGERTER LABORATORIES, INC.

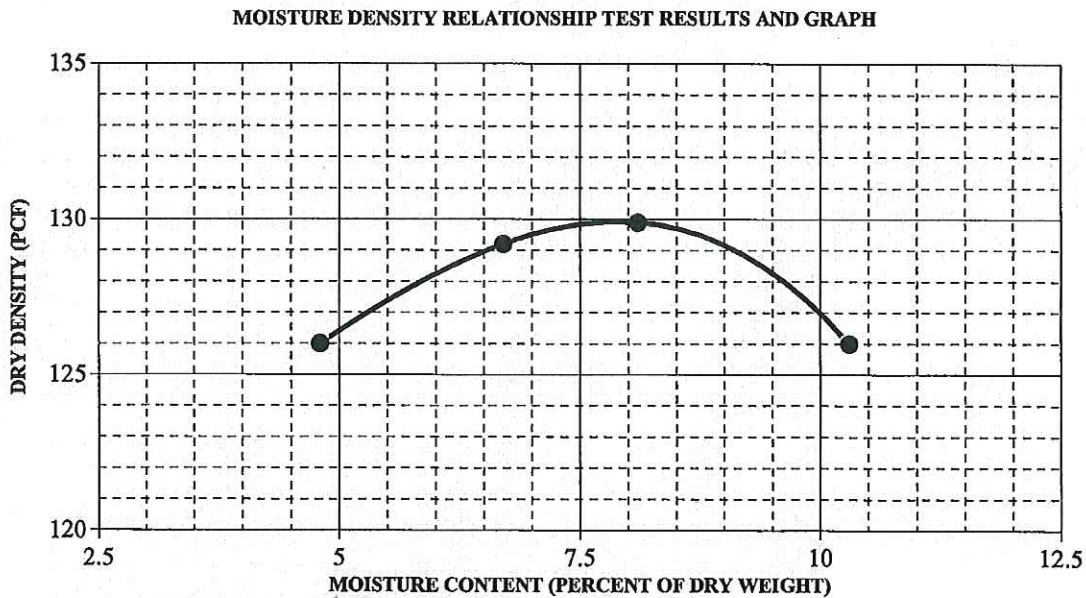
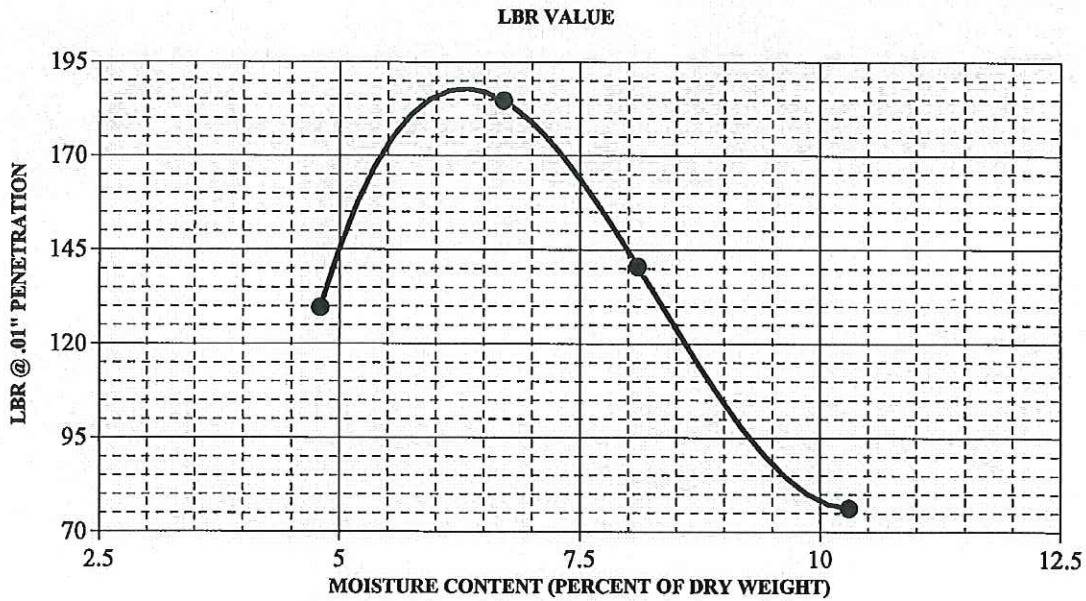
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