

R. W. Gillespie & Associates, Inc.

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LETTER OF TRANSMITTAL

Doughty & Associates, Inc.

362 U.S. Route One

Falmouth, Maine 04105

Date:	22 June 2004	Project No.:	438-05
Attention:	Mr. Phillip Doughty (pdarch@maine.rr.com)		
Re:	New Jetways & Addition to Baggage Claim Laboratory Testing Portland, Maine		

We are sending you attached laboratory test results.

Laboratory No. (s)

7212

Test (s) Performed

Washed Gradation & MD

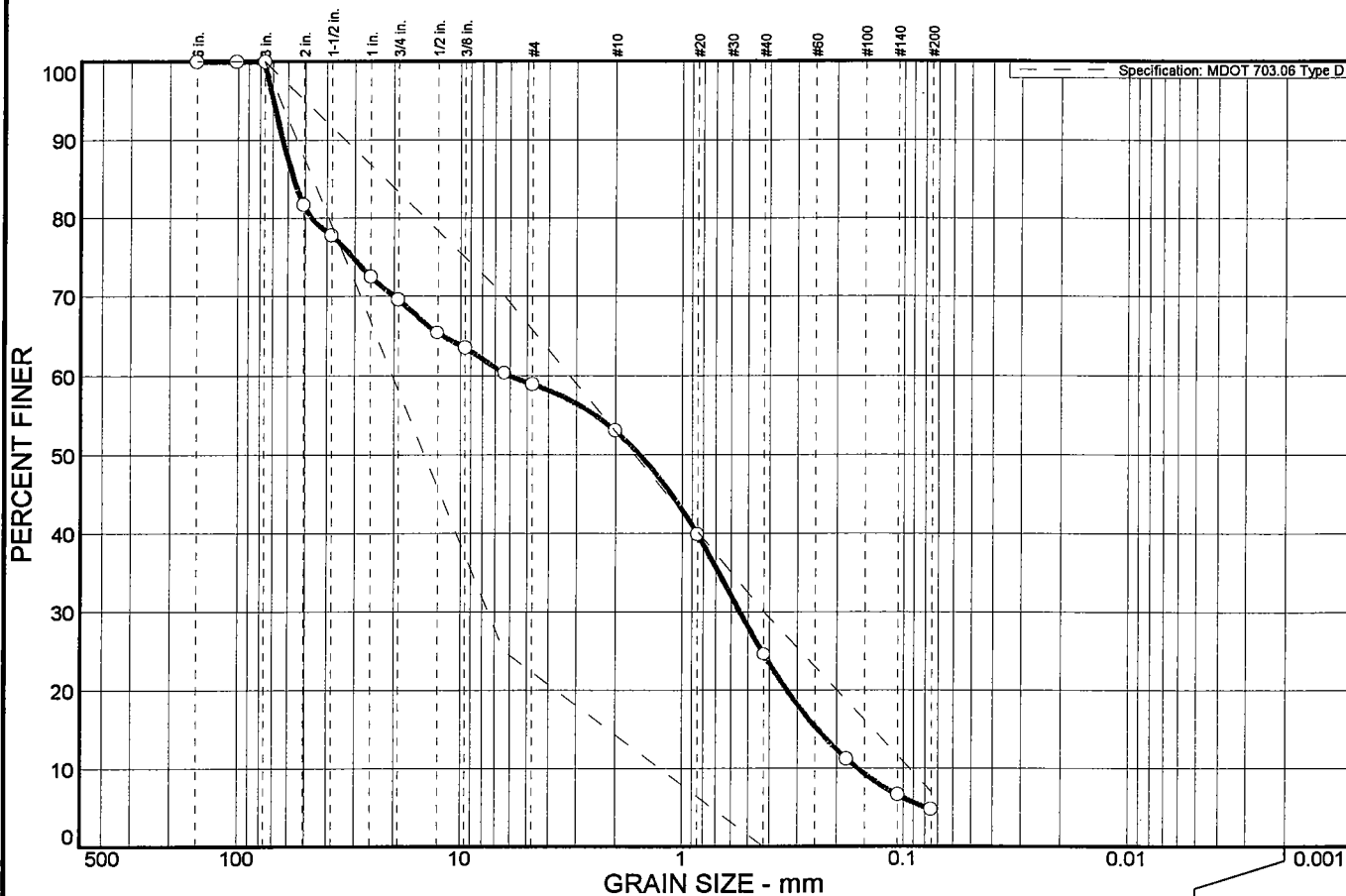
Remarks:

Copy To: Roy Williams (rsw@ci.portland.me.us)

Signed: Suzan A. Bullock

If enclosures are not as noted, kindly notify us at once.

Particle Size Distribution Report



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	30.4	10.7	5.9	28.4	19.8	4.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
6 in.	100.0	100 - 100	
4 in.	100.0		
3 in.	100.0	100 - 100	
2 in.	81.7		
1.5 in.	77.8		
1 in.	72.5		
3/4 in.	69.6		
1/2 in.	65.4		
3/8 in.	63.5		
1/4 in.	60.3	25 - 70.0	
#4	58.9		
#10	53.0		
#20	39.9		
#40	24.6	0 - 30	
#80	11.2		
#140	6.6		
#200	4.8	0 - 7	

Soil Description

Type D gravel
Poorly graded sand with gravel

Atterberg Limits

PL= LL= PI=

Coefficients

D₈₅= 56.2 D₆₀= 6.04 D₅₀= 1.55
D₃₀= 0.544 D₁₅= 0.244 D₁₀= 0.161
C_u= 37.59 C_c= 0.31

Classification

USCS= SP AASHTO=

Remarks

Moisture Content 0.42%
Tested by MCS

* MDOT 703.06 Type D

Sample No.: 7212
Location: Stockpile

Source of Sample: H-Pit, Gorham

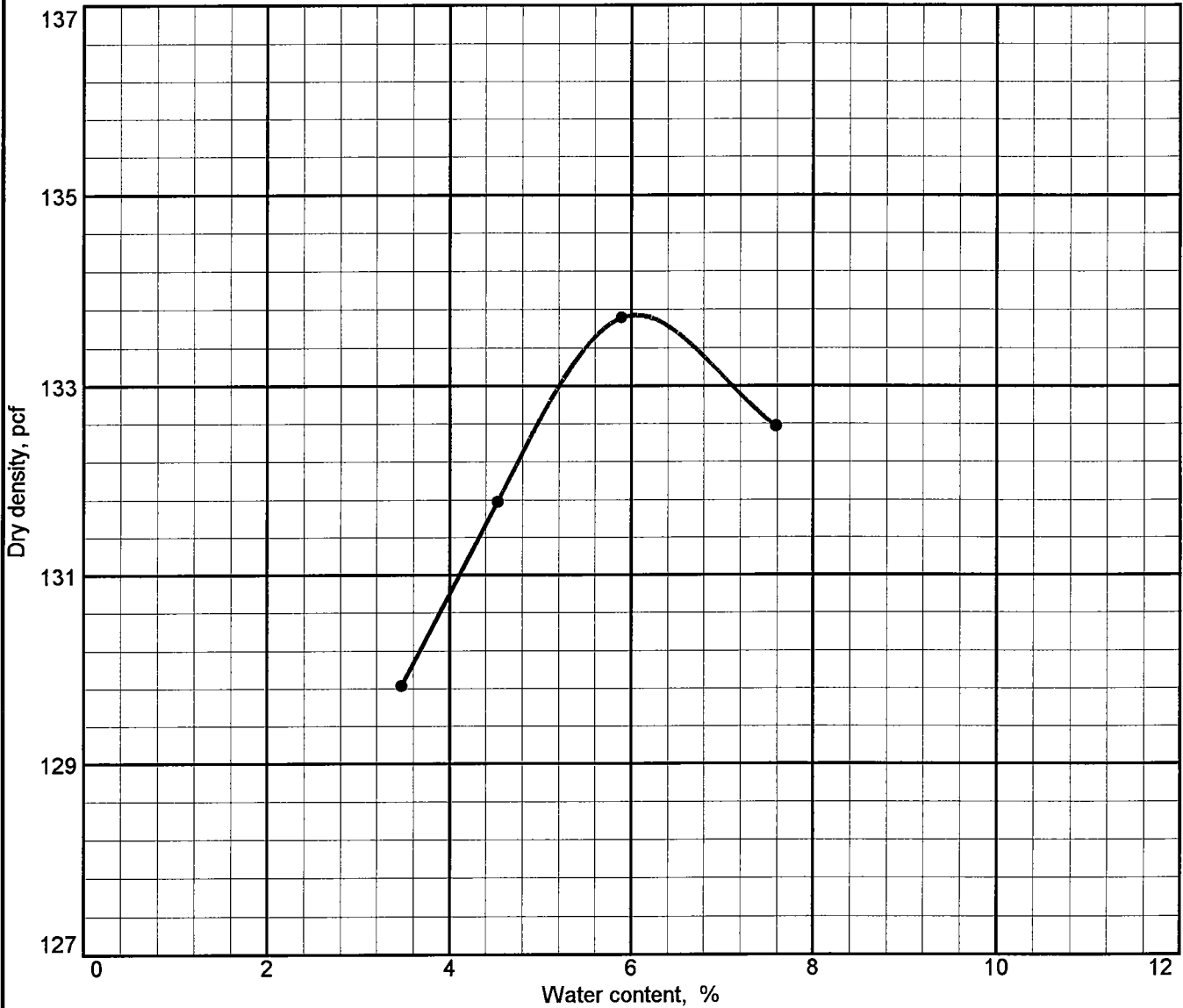
Date: 6/16/04
Elev./Depth:

**R.W. Gillespie
&
Associates, Inc.**

Client: Doughty & Associates, Inc.
Project: New Jetways & Addition to Baggage Claim Area @ Jetport
Project No: 438-05 **Sample No.** 7212

6/16/04

COMPACTION TEST REPORT



Test specification: ASTM D 1557-91 Procedure C Modified
 Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
	SP		0.42%				30.4	4.8

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 133.7 pcf Optimum moisture = 6.1 %	Type D gravel Poorly graded sand with gravel
Project No. 438-05 Client: Doughty & Associates, Inc. Project: New Jetways & Addition to Baggage Claim Area @ Jetport ● Location: Stockpile	Remarks: Tested by PEC