

R. W. Gillespie & Associates, Inc.

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LETTER OF TRANSMITTAL

Doughty & Associates, Inc.

362 U.S. Route One

Falmouth, Maine 04105

Date:	25 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)	Test (s) Performed
7250	Washed Gradation & MD

Remarks:

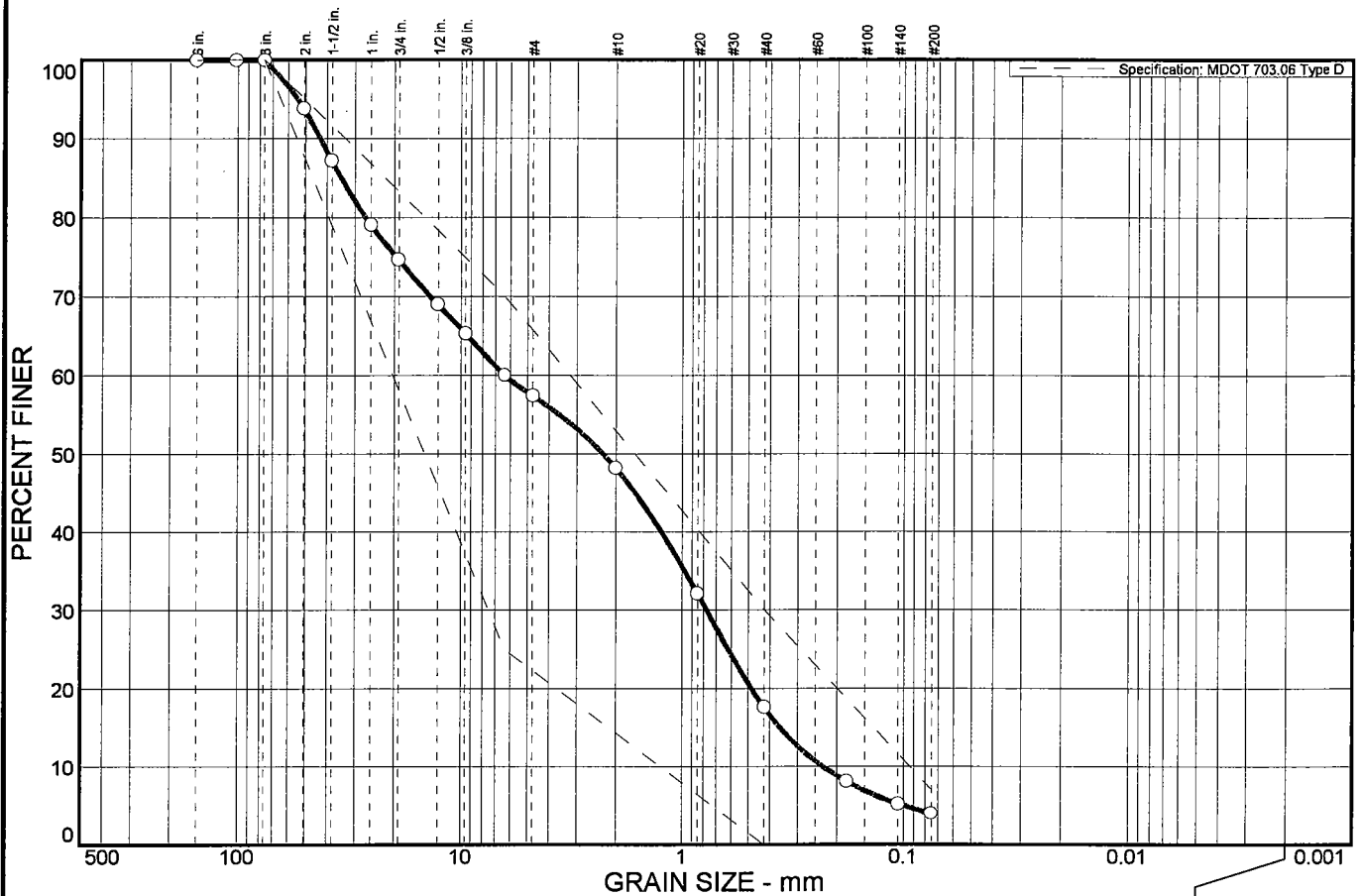
Also faxed results to Ryan at Defresne-Heny (775-6434) and John Garvin at Shaw Brothers (839-6239)

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	25.3	17.3	9.2	30.6	13.6	4.0	

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.	93.8		
1.5 in.	87.2		
1 in.	79.1		
3/4 in.	74.7		
1/2 in.	69.0		
3/8 in.	65.3		
1/4 in.	60.0	25 - 70.0	
#4	57.4		
#10	48.2		
#20	32.1		
#40	17.6	0 - 30	
#80	8.1		
#140	5.2		
#200	4.0	0 - 7	

Soil Description

4" minus gravel
Poorly graded sand with gravel

Atterberg Limits

PL= LL= PI=

Coefficients

D₈₅= 34.5 D₆₀= 6.35 D₅₀= 2.28
D₃₀= 0.773 D₁₅= 0.360 D₁₀= 0.230
C_u= 27.55 C_c= 0.41

Classification

USCS= SP AASHTO=

Remarks

Moisture Content 3.2%
Tested by AMA

* MDOT 703.06 Type D

Sample No.: 7250
Location: Stockpile

Source of Sample: Shaw Bros. - Rt. 25

Date: 7/2/04
Elev./Depth:

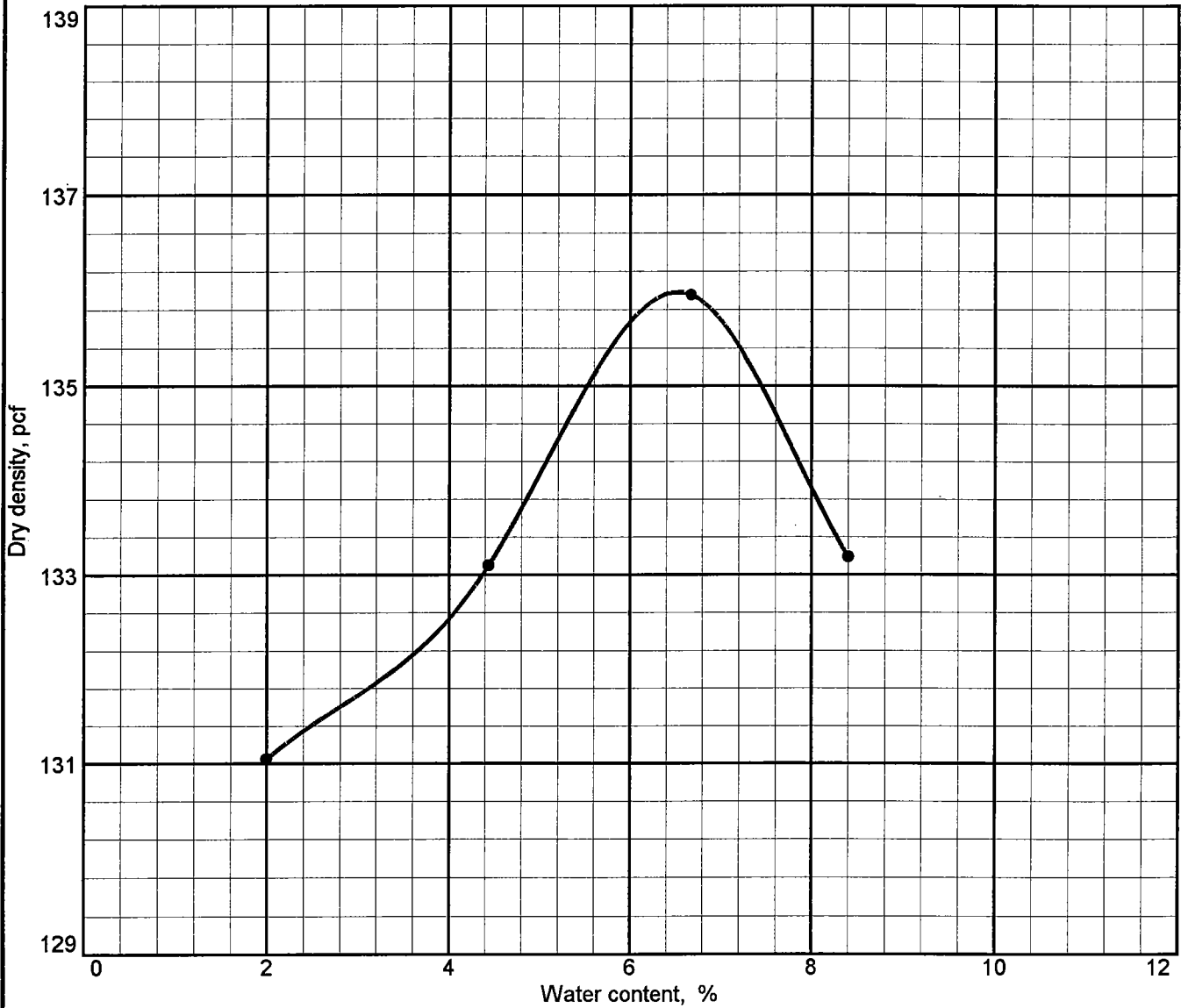
**R.W. Gillespie
&
Associates, Inc.**

Client: Doughty & Associates, Inc.
Project: New Jetways & Addition to Baggage Claim Area @ Jetport MTG

Project No.: 438-05

Sample No.: 7250

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		3.2%				25.3	4.0

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 136.0 pcf Optimum moisture = 6.5 %	4" minus 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 DMC
COMPACTON TEST REPORT R.W. Gillespie & Associates, Inc.	
Sample No. 7250 <i>MTG</i>	