

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)	Test (s) Performed
7211	Washed Gradation & MD

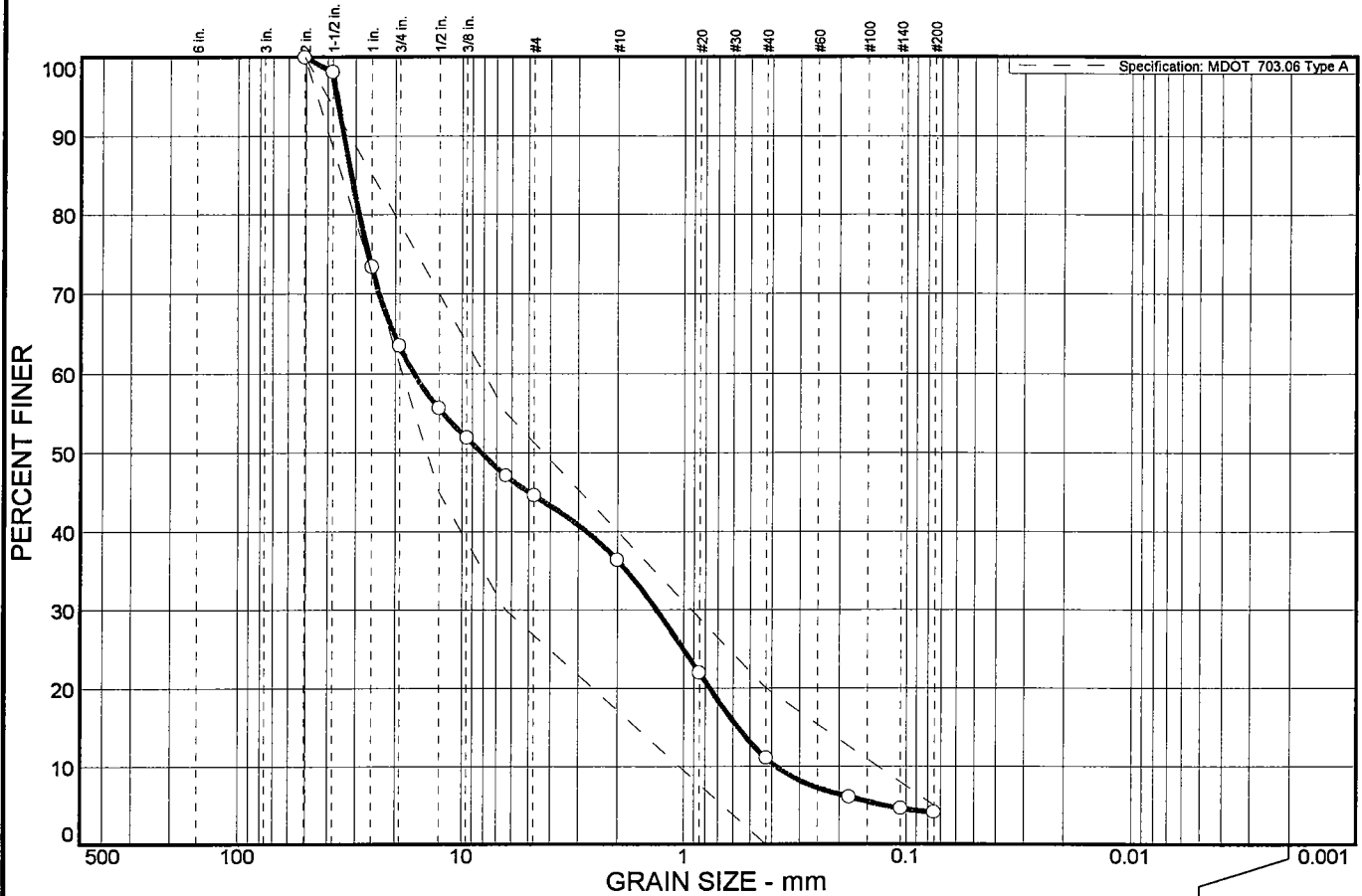
Remarks:

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	36.5	18.9	8.2	25.3	7.0	4.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2 in.	100.0	100 - 100	
1.5 in.	98.1		
1 in.	73.4		
3/4 in.	63.5		
1/2 in.	55.6	45 - 70	
3/8 in.	51.9		
1/4 in.	47.1	30 - 55	
#4	44.6		
#10	36.4		
#20	22.0		
#40	11.1	0 - 20	
#80	6.1		
#140	4.6		
#200	4.1	0 - 5	

Soil Description

Type A gravel
Poorly graded gravel with sand

Atterberg Limits

PL= LL= PI=

Coefficients

D₈₅= 31.3 D₆₀= 16.4 D₅₀= 8.18
D₃₀= 1.32 D₁₅= 0.567 D₁₀= 0.382
C_u= 42.91 C_c= 0.28

Classification

USCS= GP AASHTO=

Remarks

Moisture Content 0.4%
Tested by MCS

* MDOT 703.06 Type A

Sample No.: 7211
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.** 7211

GF

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						
	GP		0.4%				36.5	4.1

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 139.9 pcf Optimum moisture = 5.6 %	Type A gravel Poorly graded gravel with sand
Project No. 438-05 Client: Doughty & Associates, Inc. Project: New Jetways & Addition to Baggage Claim Area @ Jetport ● Location: Stockpile	Remarks: Tested by MK
COMPACTON TEST REPORT R.W. Gillespie & Associates, Inc.	Sample No. 7211