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LETTER OF TRANSMITTAL

City of Portland, Portland Int. Jetport
1001 Westbrook Street
Portland, Maine 04102

Date:	June 1, 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Laboratory Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

We are sending you attached laboratory test results.

Laboratory No. (s)	Test (s) Performed
11253	Washed Gradation & MD

Remarks:

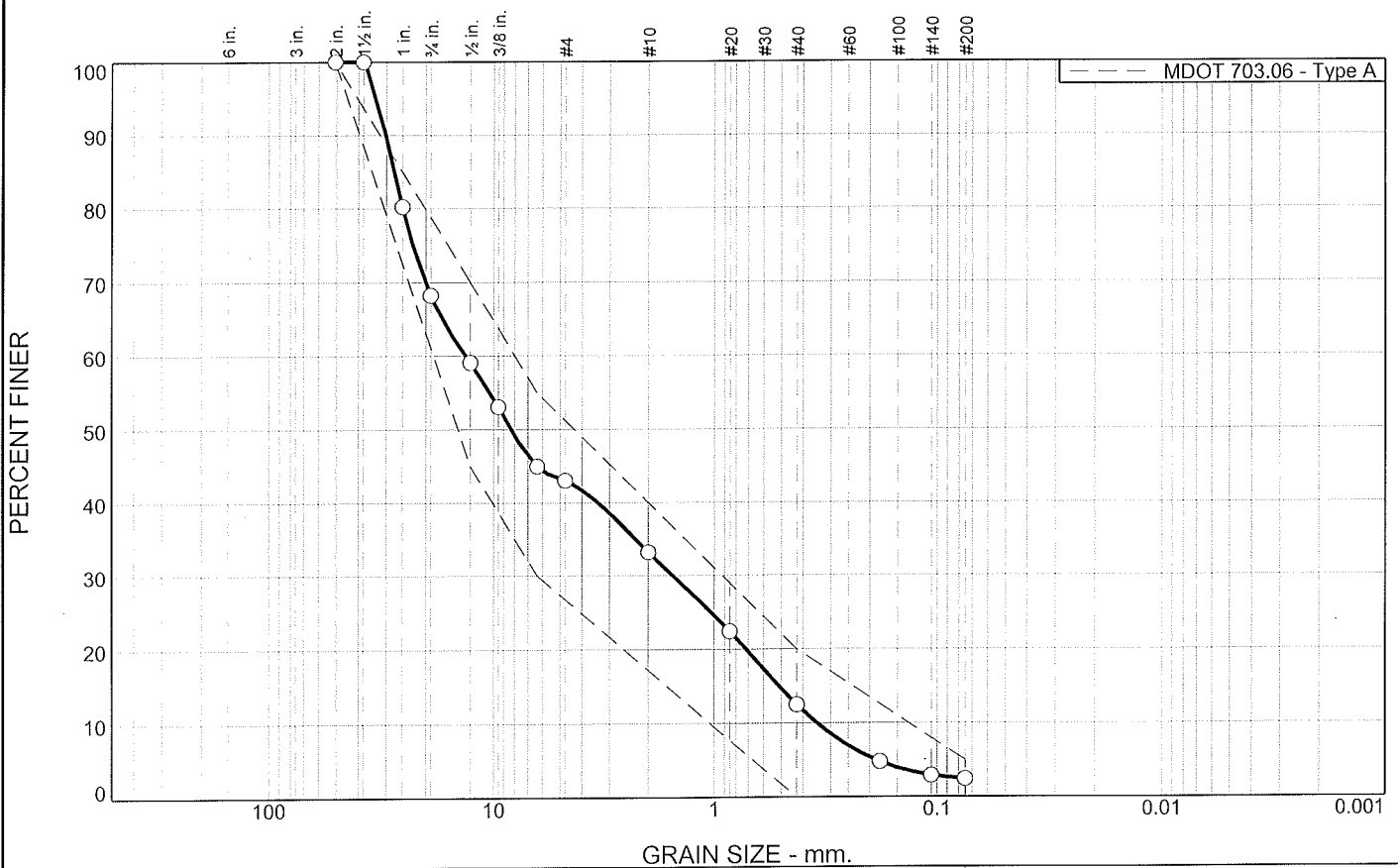
11253 NOTE: Material Meets Type A Specifications

Copy To: Roy Williams: rsw@portlandmaine.gov
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Signed: Suzan A. Michaud

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

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	31.8	25.2	9.8	20.7	10.1	2.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2"	100.0	100.0 - 100.0	
1 1/2"	100.0		
1"	80.3		
3/4"	68.2		
1/2"	59.1	45.0 - 70.0	
3/8"	53.1		
1/4"	45.0	30.0 - 55.0	
#4	43.0		
#10	33.2		
#20	22.4		
#40	12.5	0.0 - 20.0	
#80	4.8		
#140	2.9		
#200	2.4	0.0 - 5.0	

Soil Description

Reclaim - poorly graded gravel with sand

Atterberg Limits

PL= LL= PI=

Coefficients

D₈₅= 27.6527 D₆₀= 13.3107 D₅₀= 8.3099
D₃₀= 1.5498 D₁₅= 0.5106 D₁₀= 0.3443
C_u= 38.66 C_c= 0.52

Classification

USCS= GP AASHTO=

Remarks

Moisture content: 2.6%

* MDOT 703.06 - Type A

Sample No.: 11253
Location: Stockpile

Source of Sample: Phinney Pit

Date: 5/26/2010
Elev./Depth:

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

Client: City of Portland
Project: Terminal Enhancement at the Portland Int. Jetport

Project No: 557-14

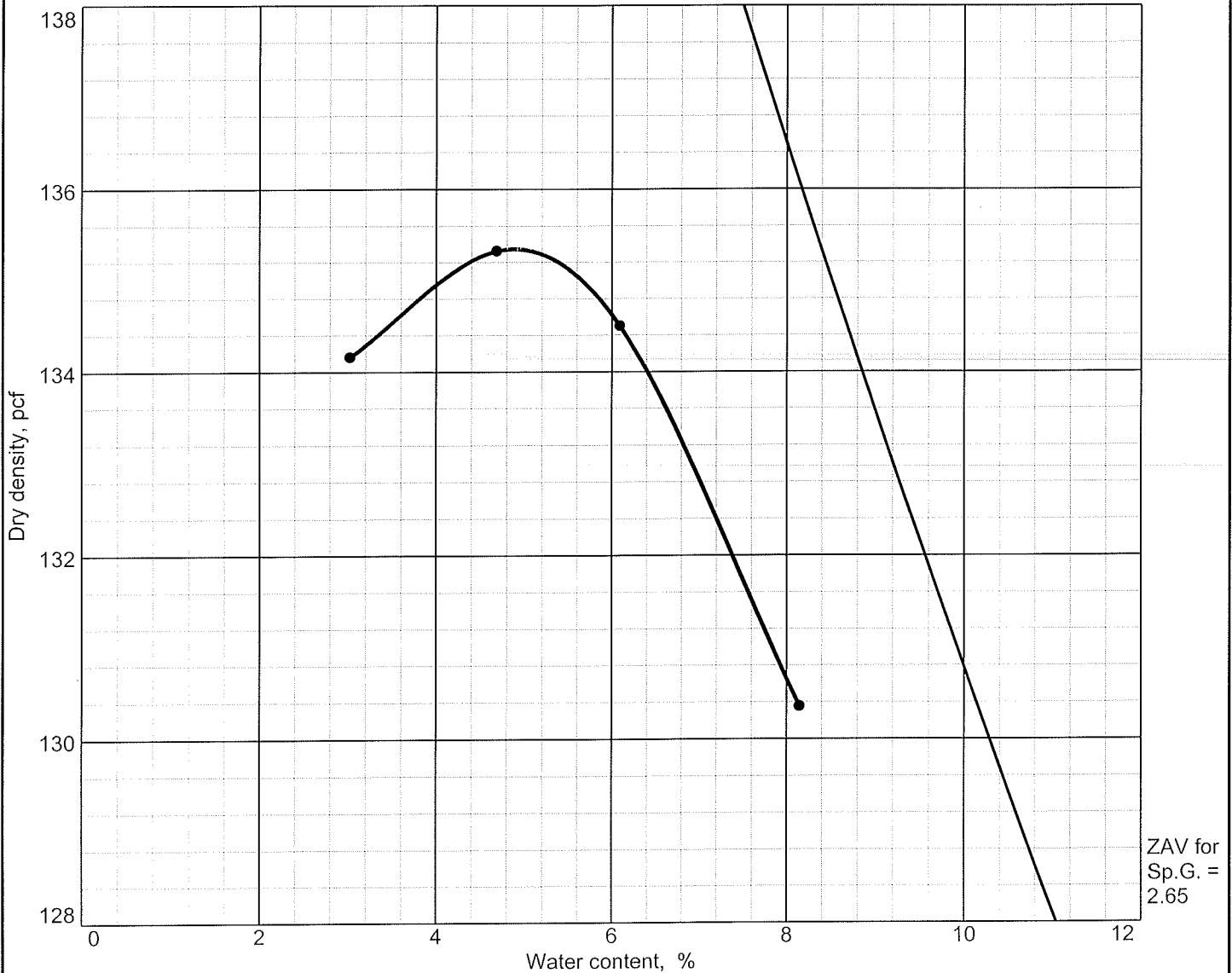
Lab No. 11253

Tested By: JJH

Checked By: MTG

MTG

Moisture - Density Test Report



Test specification: ASTM D 1557-02 Method 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		2.6%				31.8	2.4

ROCK CORRECTED TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 135.3 pcf Optimum moisture = 4.9 %	Reclaim - poorly graded gravel with sand

Project No. 557-14 Client: City of Portland Project: Terminal Enhancement at the Portland Int. Jetport ● Location: Stockpile	Remarks: Tested by: JJH <div style="text-align: right;"><i>MIG</i></div>
R.W. Gillespie & Associates, Inc. Saco, Maine	

Lab No. 11253