

R. W. Gillespie & Associates, Inc.

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LETTER OF TRANSMITTAL

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

Date:	May 18, 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
11194	Washed Gradation & MD

Remarks:

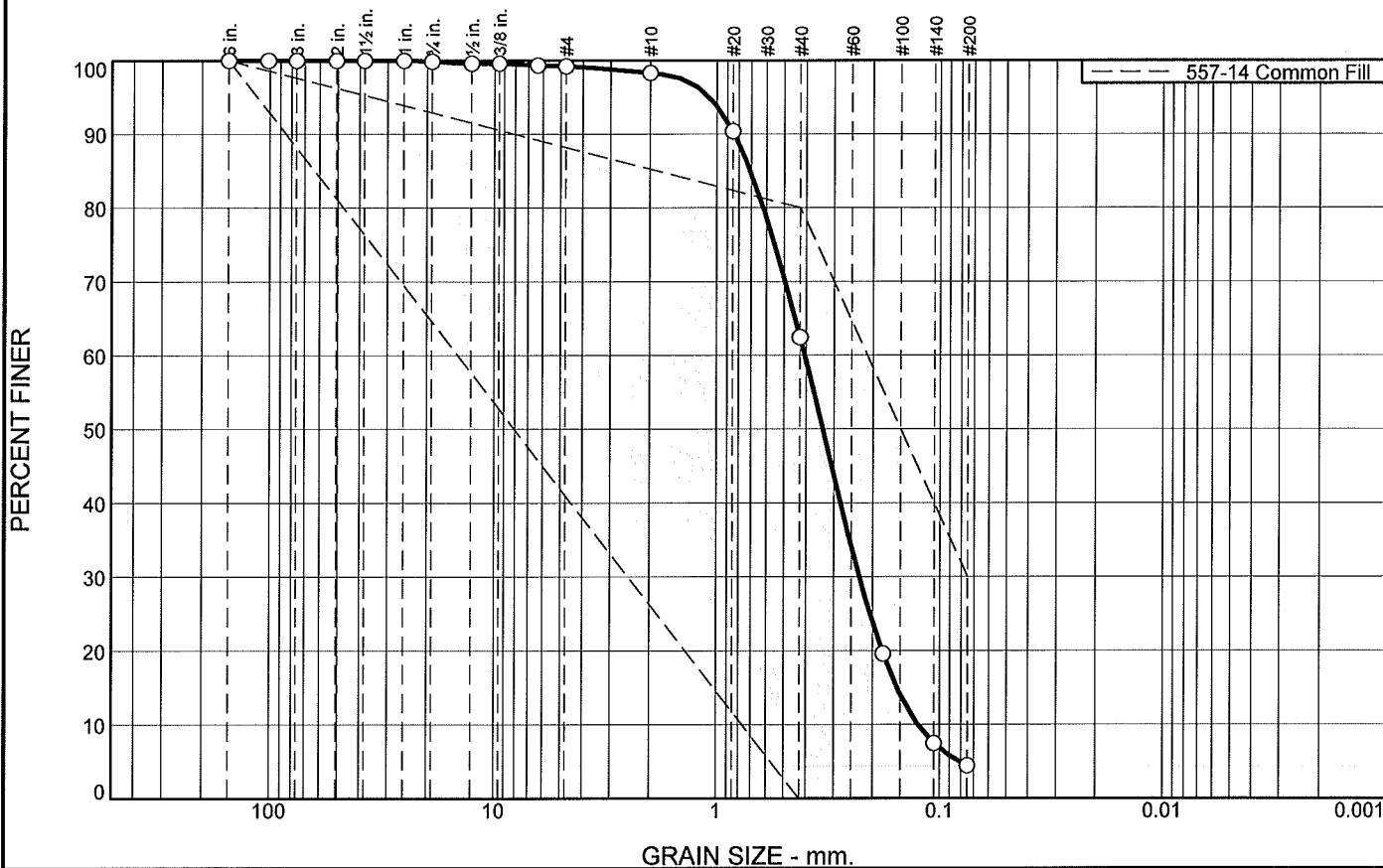
11194 NOTE: Material meets specification for common fill.

Copy To: none

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	0.1	0.7	0.9	35.9	57.9	4.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
6"	100.0	100.0 - 100.0	100
4"	100.0		
3"	100.0		
2"	100.0		
1 1/2"	100.0		
1"	100.0		
3/4"	99.9		
1/2"	99.6		
3/8"	99.6		
1/4"	99.4		
#4	99.2		
#10	98.3		
#20	90.4		
#40	62.4	0.0 - 80.0	
#80	19.6		
#140	7.4		
#200	4.5	0.0 - 30.0	

Soil Description

Sand - poorly graded sand
(Common Fill - water and drain line backfill)

Atterberg Limits

PL= LL= PI=

Coefficients

D₈₅= 0.7092 D₆₀= 0.4057 D₅₀= 0.3371
D₃₀= 0.2301 D₁₅= 0.1561 D₁₀= 0.1256
C_u= 3.23 C_c= 1.04

Classification

USCS= SP AASHTO=

Remarks

Moisture Content: 6.6%
Arrival date: 5/3/10

* 557-14 Common Fill

Sample No.: 11194
Location: Stockpile

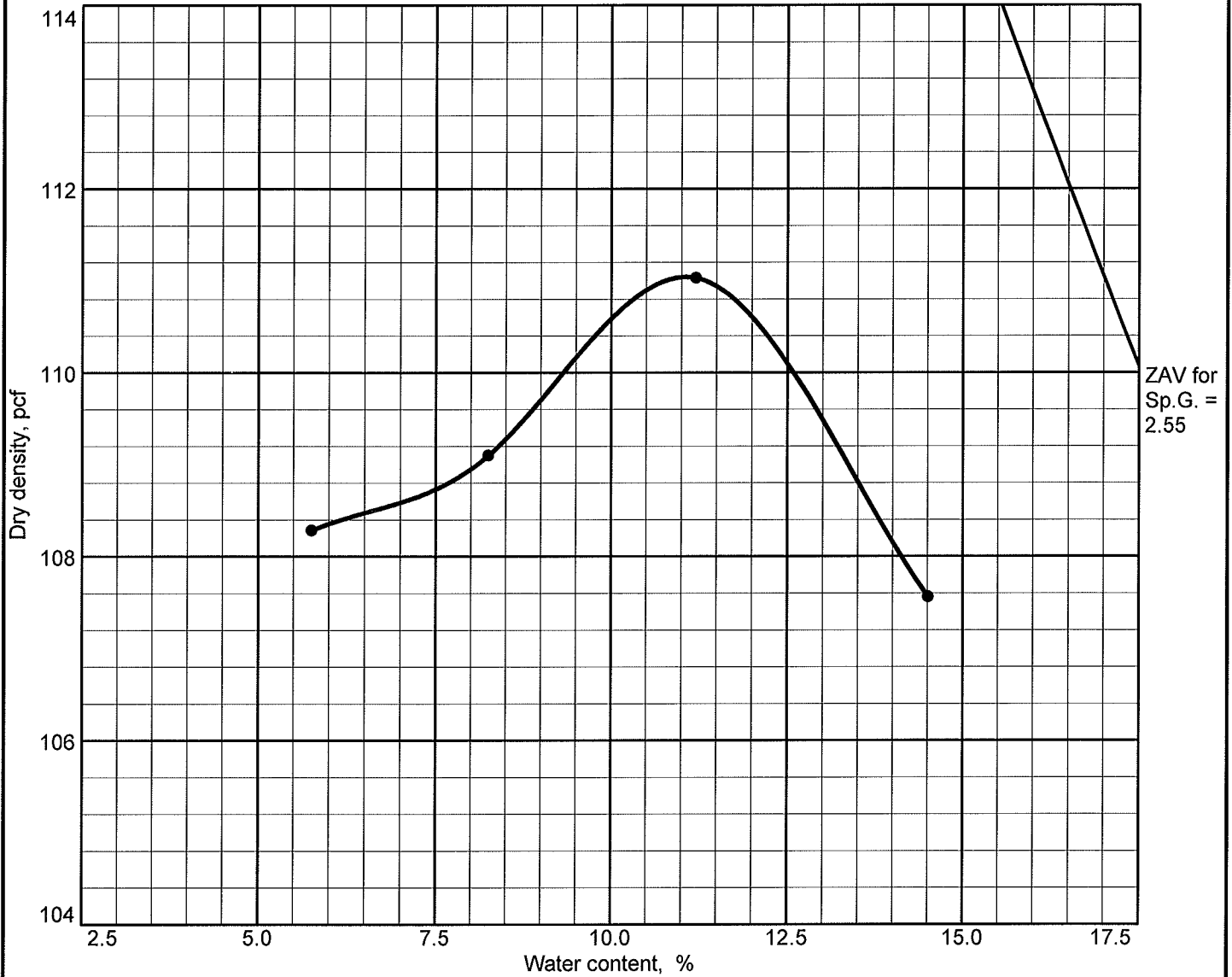
Source of Sample: Mighty Street Pit

Date: 5/5/10
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 Figure 11194
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Tested By: JJH **Checked By:** MTG *MTG*

Moisture-Density Test Report



Test specification: ASTM D 1557-00 Method A Modified
 Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > No.4	% < No.200
	USCS	AASHTO						
	SP		6.6%				0.8	4.5

ROCK CORRECTED TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 111.0 pcf Optimum moisture = 11.1 %	Sand - poorly graded sand (Common Fill - water and drain line backfill)
Project No. 557-14 Client: City of Portland Project: Terminal Enhancement at the Portland Int. Jetport Location: Stockpile	Remarks: Tested by: JJH
R.W. Gillespie & Associates, Inc. Saco, Maine	 Figure 11194