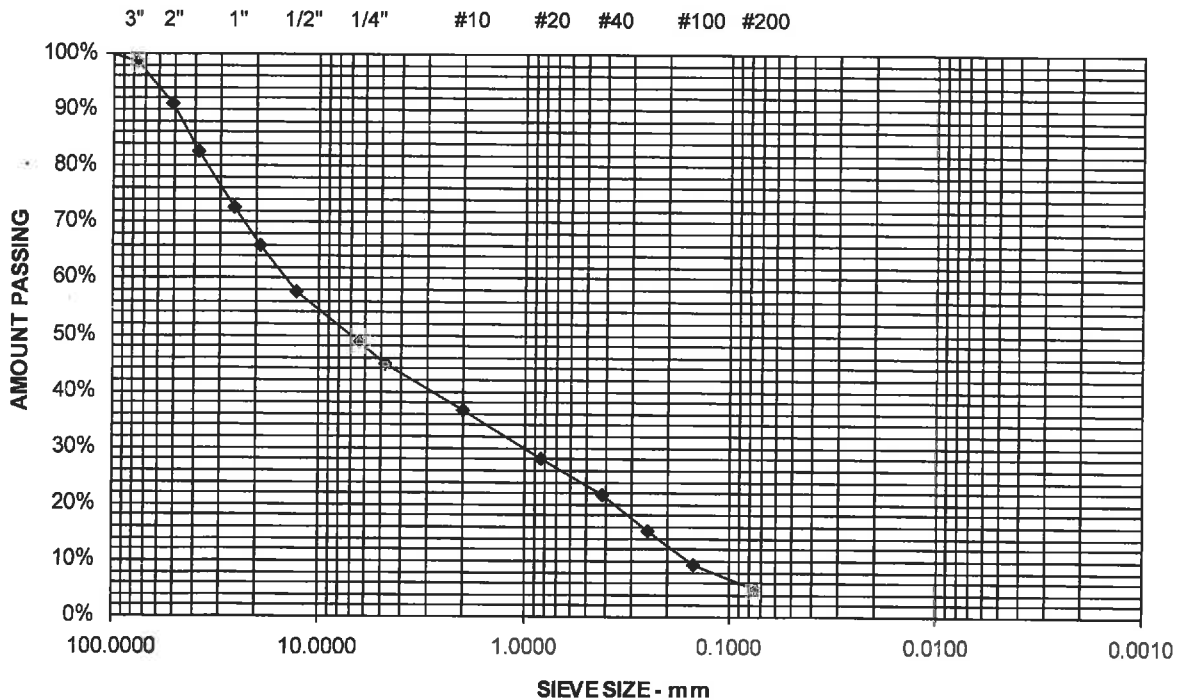


Project Name PORTLAND ME - THE PARK DANFORTH - CONSTRUCTION MATERIALS TESTING SERVICES  
 Client THE PARK-DANFORTH  
 Material Type CRUSHED GRAVEL  
 Material Source SHAW BROTHERS - N PIT

Project Number 14-0065.2  
 Lab ID 20085G  
 Date Received 10/22/2015  
 Date Completed 10/22/2015  
 Tested By JUSTIN BISSON

<u>STANDARD</u> DESIGNATION (mm/μm)	<u>SIEVE SIZE</u>	<u>AMOUNT PASSING (%)</u>	<u>SWCE STRUCTURAL FILL</u> <u>SPECIFICATIONS (%)</u>
150 mm	6"	100	
125 mm	5"	100	
100 mm	4"	100	100
75 mm	3"	99	90 - 100
50 mm	2"	91	
38.1 mm	1-1/2"	82	
25.0 mm	1"	73	
19.0 mm	3/4"	66	
12.5 mm	1/2"	58	
6.3 mm	1/4"	49	25 - 90
4.75 mm	No. 4	45	
2.00 mm	No. 10	37	
850 μm	No. 20	28	
425 μm	No. 40	22	0 - 30
250 μm	No. 60	15	
150 μm	No. 100	9	
75 μm	No. 200	5.1	0.0 - 5.0 †

† SAMPLE DOES NOT MEET SPECIFICATION



Comments

  
 Roger E. Domingo

## Scott Timmons

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**From:** Bob Metcalf <rmetcalf@mitchellassociates.biz>  
**Sent:** Friday, November 13, 2015 3:35 PM  
**To:** Scott Timmons  
**Cc:** 'Dan Burne'  
**Subject:** RE: Park Danforth - Structural Fill Gradation Report

Scott,

Sorry it took a while to respond. I did not have an issue with the .1 % over the spec, but wanted to review it with SW Cole and I just received a response to my inquiry. It is fine as submitted and they are probably already using the material.

Bob

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**From:** Scott Timmons [mailto:scott.timmons@lbpa.com]  
**Sent:** Monday, November 09, 2015 2:09 PM  
**To:** Bob Metcalf <rmetcalf@mitchellassociates.biz>  
**Cc:** 'Dan Burne' <dan@beckerstructural.com>  
**Subject:** Park Danforth - Structural Fill Gradation Report

Bob,

Wanted to get your thoughts of the enclosed gradation of structural fill. The report recently released by SW Cole notes that the fill passing through the #200 sieve did not meet spec – seemed just outside the limits of 5%.

Please review and let me know your thoughts.

Thanks,  
Scott

**Scott Timmons, RA**  
Project Architect

**LAVALLEE | BRENSINGER ARCHITECTS**  
Boston | Manchester | Portland  
Office: 603.622.5450 x125  
[www.LBPA.com](http://www.LBPA.com) | [LinkedIn](#) | [Facebook](#) | [Twitter](#)

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