

# Quality Test Report

BMG Research & Development Center

3507 Neville Road, Pittsburgh PA 15225



**Plant** Neville Aggregates - Neville Island Terminal  
**Product** #67 Gravel  
**Source** Tri-State River Products  
**Specification** ASTM C-33

## Sample Information

<b>Sample No</b>	Average	<b>Weather</b>	-
<b>Start Date</b>	1/6/12	<b>Temp</b>	-
<b>Finish Date</b>	12/30/12	<b>Split Sample</b>	<input type="checkbox"/>
<b>Sampled By</b>	David Giehll	<b>Resample</b>	<input type="checkbox"/>
<b>Tested By</b>	David Giehll	<b>Lot/Sublot</b>	-
<b>Type</b>	Production Sample	<b>Quantity</b>	50 lbs
<b>Method</b>	Belt Sample		

## Gradation Results

Units	Moist Mass	Dry Mass	Moisture %	Wash ST	Wash End	Wash Loss %
lbs	24.30	24.12	0.74%	9.320	9.272	0.51%

  

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification %
1 1/2"	0.00	0.00	0.0	0.0	100.0	100	100 100
1"	0.00	0.00	0.0	0.0	100.0	100	100 100
3/4"	0.87	0.87	3.6	3.6	96.4	95	90 100
1/2"	11.63	12.49	48.2	51.8	48.2	-	- -
3/8"	4.00	16.50	16.6	68.4	31.6	37.5	20 55
#4	6.37	22.87	26.4	94.8	5.2	5	0 10
#8	0.75	23.61	3.1	97.9	2.1	2.5	0 5
PAN	0.51	24.12	2.1	100.0	0.0	-	- -

## Other Test Results

Test Name	Date	Result	Unit	Target	Specification %
Wash Loss (#200)	1/6/12	0.51%	%	0.5	0 1
Crush Count	12/30/12	63.90%	%	77.5	55 100

