



NEVILLE AGGREGATES CO. INC.

Construction Aggregate Supplier

3501 Neville Road Pittsburgh, PA 15225

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February 2, 2016

PaDOT Ref. #: ALC10B14
Material Type: #10 Limestone

To Whom It May Concern:

This letter is to verify that Neville Aggregates, Neville Island PA, is an agent for Allegheny Minerals Corporation, Slippery Rock, PA. The material produced by Allegheny Minerals Corporation meets the requirements of PaDOT Publication 408, Section 703.

Sincerely,

Justin T. Bryan

David T. Giehl

Quality Test Report

BMG Research & Development Center

3507 Neville Road, Pittsburgh PA 15225



CONCRETE PRECAST AGGREGATE MARINE

Plant Neville Aggregates - Neville Island Terminal
Product #10 Limestone
Source Allegheny Minerals - ALC10B14
Specification PaDOT 408 Section 703 - Type C

Sample Information

Sample No	Average	Weather	-
Start Date	4/15/15	Temp	-
Finish Date	12/22/15	Split Sample	<input type="checkbox"/>
Sampled By	David Giehll	Resample	<input type="checkbox"/>
Tested By	David Giehll	Lot/Sublot	-
Type	Production Sample	Quantity	50 lbs
Method	Stockpile		

Gradation Results

Units	Moist Mass	Dry Mass	Moisture %	Wash ST	Wash End	Wash Loss %
lbs	13.07	12.94	1.01%	9.743	9.573	1.74%

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification %
3/4"	0.00	0.00	0.0	0.0	100.0	-	- -
1/2"	0.00	0.00	0.0	0.0	100.0	-	- -
3/8"	0.00	0.00	0.0	0.0	100.0	100	100 100
#4	1.00	1.00	7.7	7.7	92.3	92.5	85 100
#8	2.45	3.44	18.9	26.6	73.4	-	- -
#16	3.25	6.69	25.1	51.7	48.3	-	- -
#100	3.42	10.11	26.4	78.1	21.9	20	10 30
PAN	2.83	12.94	21.9	100.0	0.0	-	- -

Other Test Results

Test Name	Date	Result	Unit	Target	Specification %
Wash Loss (#200)	4/15/15	1.74%	%	5	0 10

