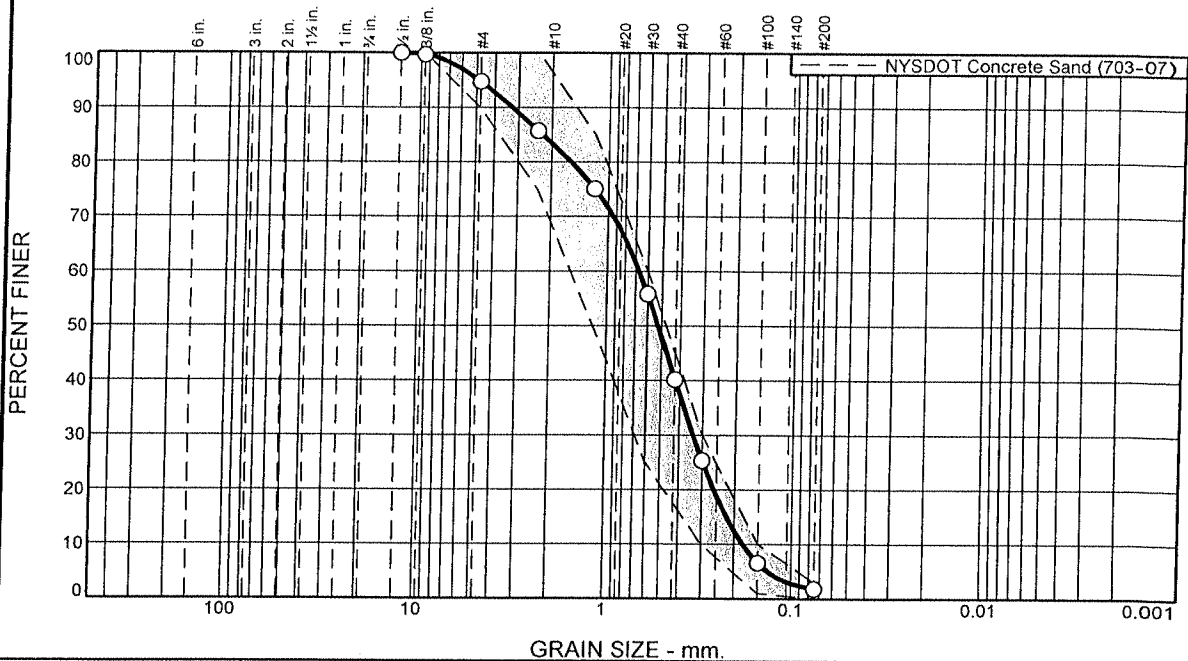




# ATLANTIC TESTING LABORATORIES

WBE certified company

## Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0	0	5	12	43	38	2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	OUT OF SPEC (X)
.5	100		
0.375	100	100	
#4	95	90 - 100	
#8	86	75 - 100	
#16	75	50 - 85	
#30	56	25 - 60	
#40	40		
#50	25	10 - 30	
#100	7	1 - 10	
#200	1.8	0.0 - 3.0	

**Soil Description**  
Brown Concrete Sand  
Poland Sand and Gravel, Russia, NY

**Atterberg Limits**  
PL= --- LL= --- PI= ---

**Coefficients**  
D<sub>85</sub>= 2.2375 D<sub>60</sub>= 0.6685 D<sub>50</sub>= 0.5246  
D<sub>30</sub>= 0.3369 D<sub>15</sub>= 0.2199 D<sub>10</sub>= 0.1803  
C<sub>u</sub>= 3.71 C<sub>c</sub>= 0.94

**Classification**  
USCS= SP AASHTO=

**Remarks**  
Sampled and delivered by the client.  
ASTM C 136 / C 117

\* NYSDOT Concrete Sand (703-07)

Source of Sample: Poland Sand and Gravel  
Sample Number: AT2505S01

Depth: N/A

<b>ATLANTIC TESTING LABORATORIES, LIMITED</b> Albany, New York	Client: Oneonta Block Co. Project: Otsego Ready Mix Gradations
	Report No: AT2505SL-01-10-16 Date: 10/25/2016

Tested by: RL  
Reviewed by: REF

Date: 9/27/16  
Date: 10/25/16