

Municipal Testing Lab of FL. Inc.

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Distribution Curve

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Date: 5/31/2023

Tested By: Jeremy Mitchell

Client: ER Jahna

Sample Procedure: AASHTO R-90

Project: QC--Green Bay Mine (Pit # 16-608) Concrete Sand Test Procedure: AASHTO T-11 & T-27

Location: 4949 Sand Mine Rd., Davenport, FL 33897

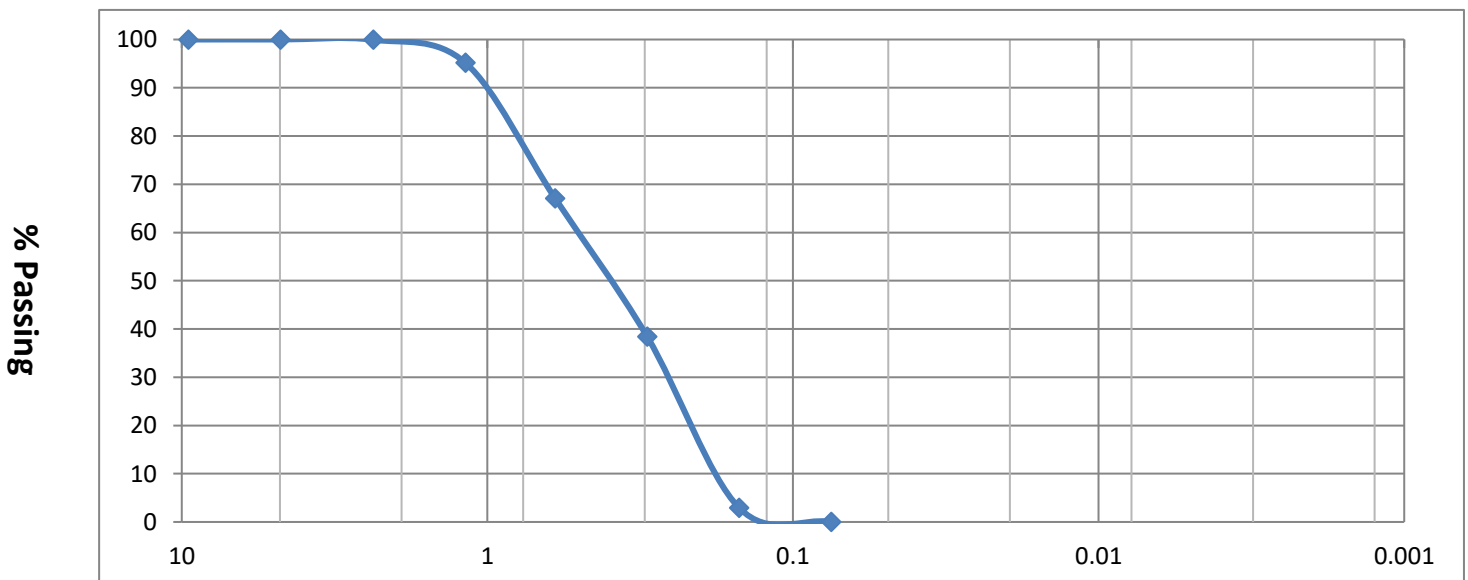
Material Description: QC--Green Bay Mine (Pit # 16-608) Concrete Sand

Max Dry Density: 111.3 @ 9.9%

Specific Gravity (OD)	2.611	Specific Gravity (SSD)	2.624	Apparent Specific Gravity	2.647	% Absorp.	0.5
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Sieve No.:	4	8	16	30	50	100	200	-200
% Passing	100.00	99.94	95.17	67.06	38.43	2.92	0.02	0.00
Median (D50) (mm)	Mean (mm)		Effective Size (D10) (mm)		Uniformity Coefficient (D60/D10) (mm)			
<u>0.421</u>	<u>0.57</u>		<u>0.180</u>		<u>1.990</u>			
ASTM D 2434 Permeability of Granular Soils (Constant Head)								
Coefficient of Permeability (ft / day)		<u>105.9</u>	Coefficient of Permeability (cm / sec) (x 10 ⁻³)			<u>37.3</u>		

Gravel Coarse Medium Fine Silt Clay
4 # 10 # 40 # 200



Particle Diameter (MM)