

Municipal Testing Lab of FL. Inc.

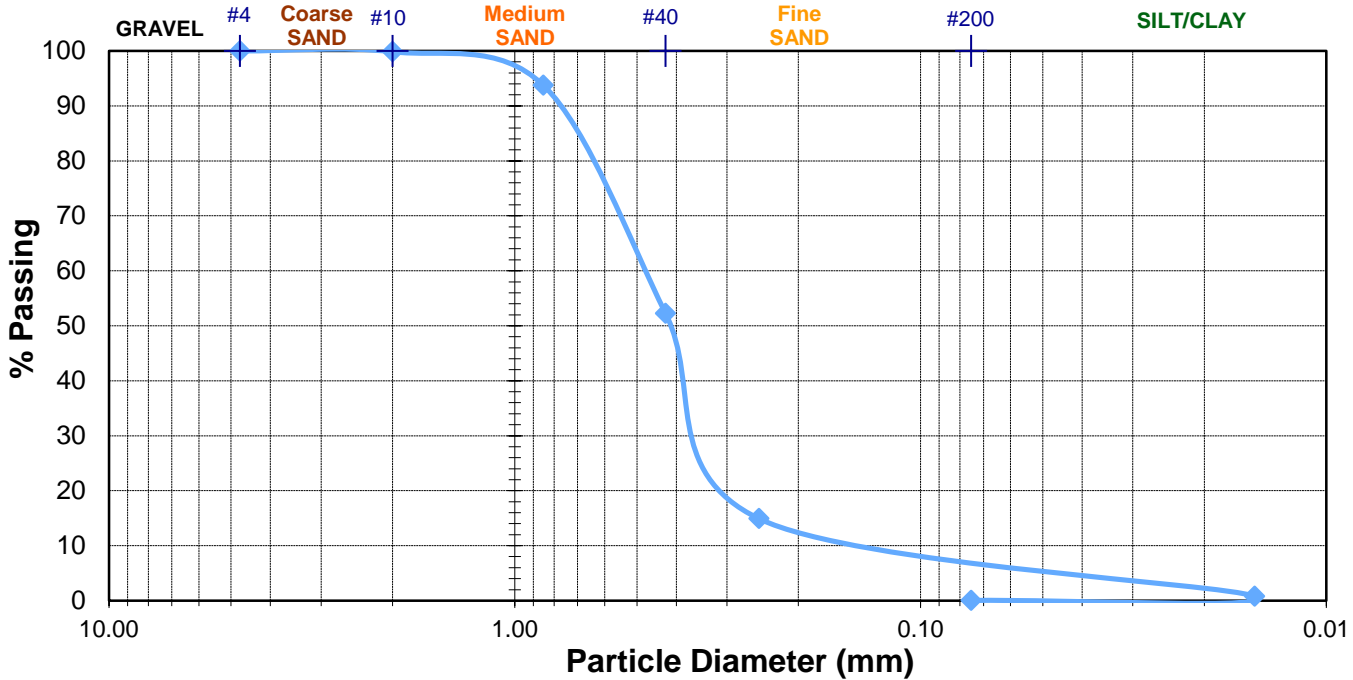
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Distribution Curve

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Date: 10/11/2021	Date Tested & Sampled: 10/11/2021
Client: E.R. Jahna Industries Inc.	Tested By: Jeremy Mitchell
Project: Quality Control for Monthly FDOT Report	
Sample Location: Stockpile on site	
Material Description: Silica Sand--Green Bay--FDOT Pit # 16-608	



Sieve No.	4	8	16	30	50	100	200	-200
Percent Passing	<u>100.00</u>	<u>99.85</u>	<u>93.75</u>	<u>52.26</u>	<u>14.90</u>	<u>0.77</u>	<u>0.03</u>	<u>0.00</u>
Median (D50) (mm)	Mean (mm)		Effective Size (D10) (mm)		Uniformity Coefficient (D60 / D 10) (mm)			
<u>0.568</u>	<u>0.43</u>		<u>0.248</u>		<u>2.856</u>			
ASTM D2434--Permeability of Granular Soils (Constant Head)						Max Dry Density = 111.9 PCF Optimum Moisture 10.3 %		
Coefficient of Permeability (ft / day)	<u>105.1</u>			Coefficient of Permeability (cm / sec) ($\times 10^{-3}$)		37.1		