

Municipal Testing Lab of FL. Inc.

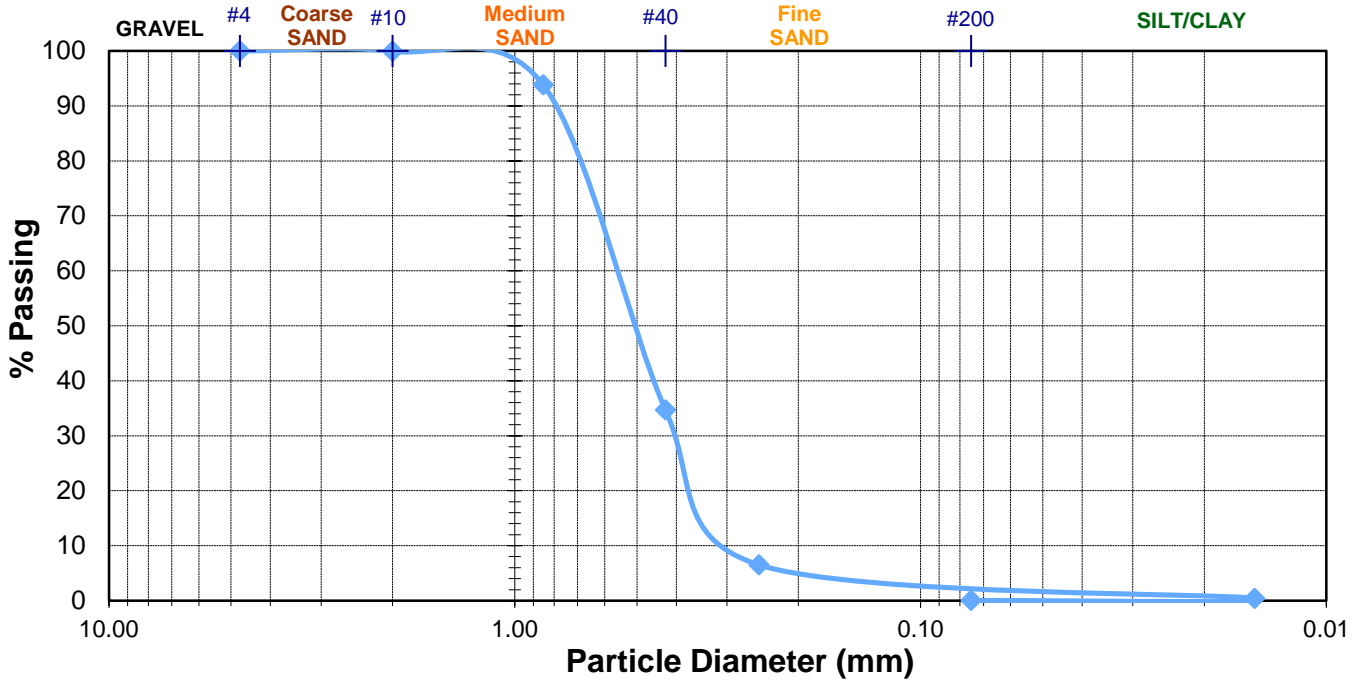
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Distribution Curve

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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--Ortona--FDOT Pit # 05-045	



Sieve No.	4	8	16	30	50	100	200	-200
Percent Passing	<u>100.00</u>	<u>99.93</u>	<u>93.78</u>	<u>34.65</u>	<u>6.50</u>	<u>0.38</u>	<u>0.01</u>	<u>0.00</u>
Median (D50) (mm)	Mean (mm)		Effective Size (D10) (mm)		Uniformity Coefficient (D60 / D 10) (mm)			
<u>0.751</u>	<u>0.43</u>		<u>0.386</u>		<u>2.200</u>			
ASTM D2434--Permeability of Granular Soils (Constant Head)						Max Dry Density = 111.3 PCF Optimum Moisture 10.5 %		
Coefficient of Permeability (ft / day)	<u>282.6</u>			Coefficient of Permeability (cm / sec) (x 10 ⁻³)		99.7		