

Municipal Testing Lab of FL. Inc.

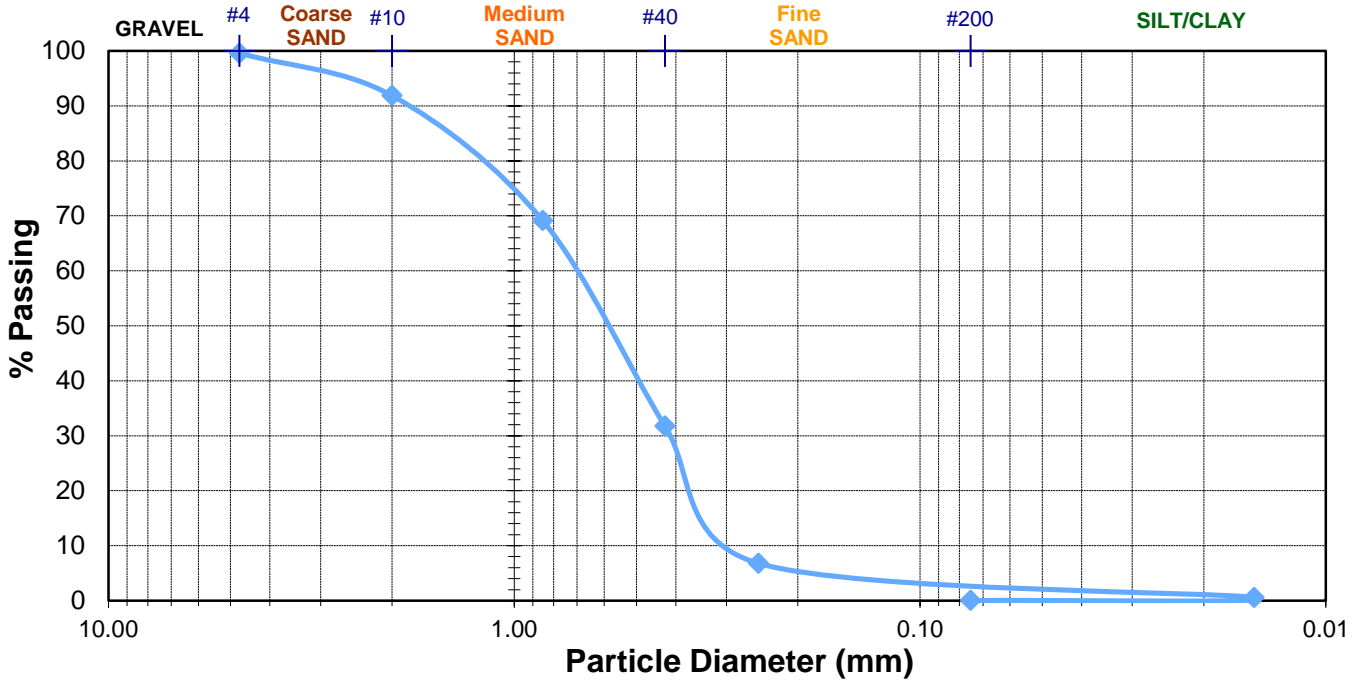
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Distribution Curve

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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--Savannah--FDOT Pit # GA-748	



Sieve No.	4	8	16	30	50	100	200	-200
Percent Passing	<u>99.58</u>	<u>91.85</u>	<u>69.11</u>	<u>31.75</u>	<u>6.77</u>	<u>0.55</u>	<u>0.01</u>	<u>0.00</u>
Median (D50) (mm)	Mean (mm)		Effective Size (D10) (mm)		Uniformity Coefficient (D60 / D10) (mm)			
<u>0.883</u>	<u>0.43</u>		<u>0.378</u>		<u>2.749</u>			
ASTM D2434--Permeability of Granular Soils (Constant Head)						Max Dry Density = 112.3 PCF Optimum Moisture 10.4 %		
Coefficient of Permeability (ft / day)		<u>238.2</u>			Coefficient of Permeability (cm / sec)		84.0	