

# Municipal Testing Lab of FL. Inc.

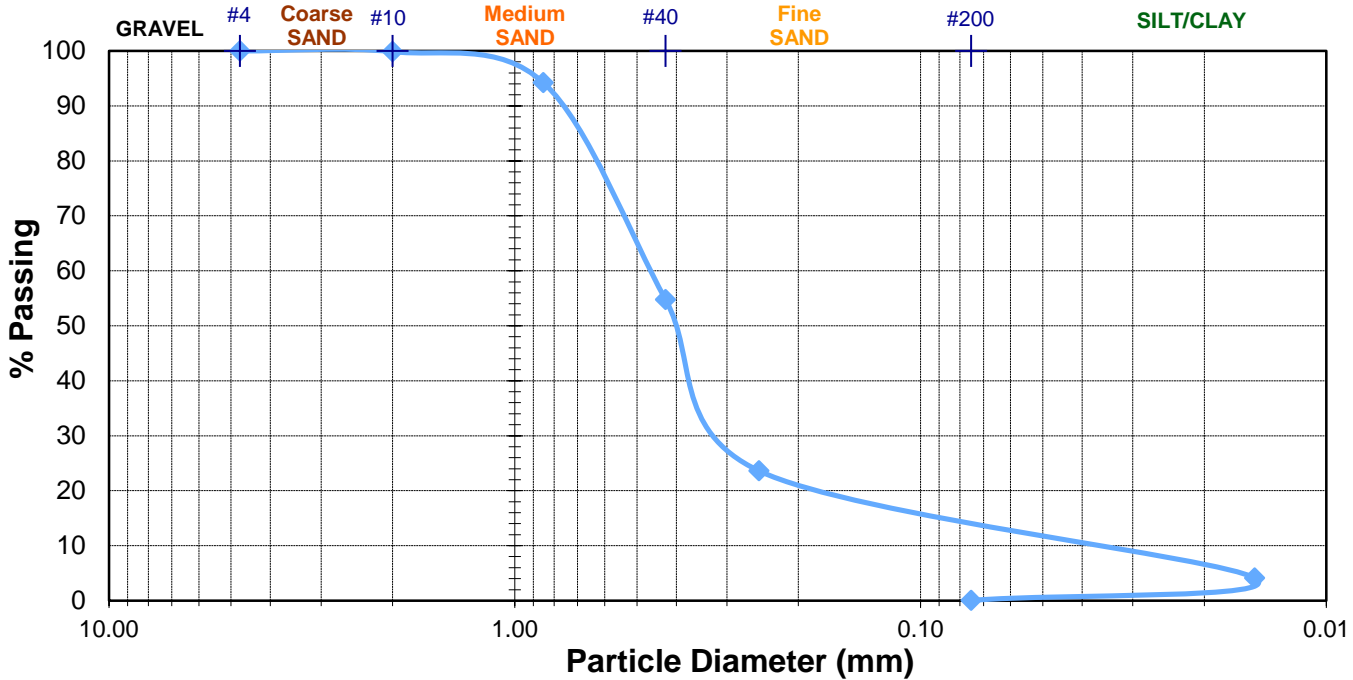
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## Distribution Curve

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<b>Date:</b> 10/11/2021	<b>Date Tested &amp; Sampled:</b> 10/11/2021
<b>Client:</b> E.R. Jahna Industries Inc.	<b>Tested By:</b> Jeremy Mitchell
<b>Project:</b> Quality Control for Monthly FDOT Report	
<b>Sample Location:</b> Stockpile on site	
<b>Material Description:</b> Silica Sand--Hanes City--FDOT Pit # 16-024	



Sieve No.	4	8	16	30	50	100	200	-200
Percent Passing	<u>100.00</u>	<u>99.86</u>	<u>94.23</u>	<u>54.76</u>	<u>23.60</u>	<u>4.07</u>	<u>0.05</u>	<u>0.00</u>
Median (D50) (mm)	Mean (mm)		Effective Size (D10) (mm)		Uniformity Coefficient (D60 / D 10) (mm)			
<u>0.530</u>	<u>0.43</u>		<u>0.196</u>		<u>3.462</u>			
ASTM D2434--Permeability of Granular Soils (Constant Head)						Max Dry Density = 110.9 PCF Optimum Moisture 10.2 %		
Coefficient of Permeability (ft / day)	<u>191.5</u>			Coefficient of Permeability (cm / sec) $(\times 10^{-3})$		<u>67.5</u>		