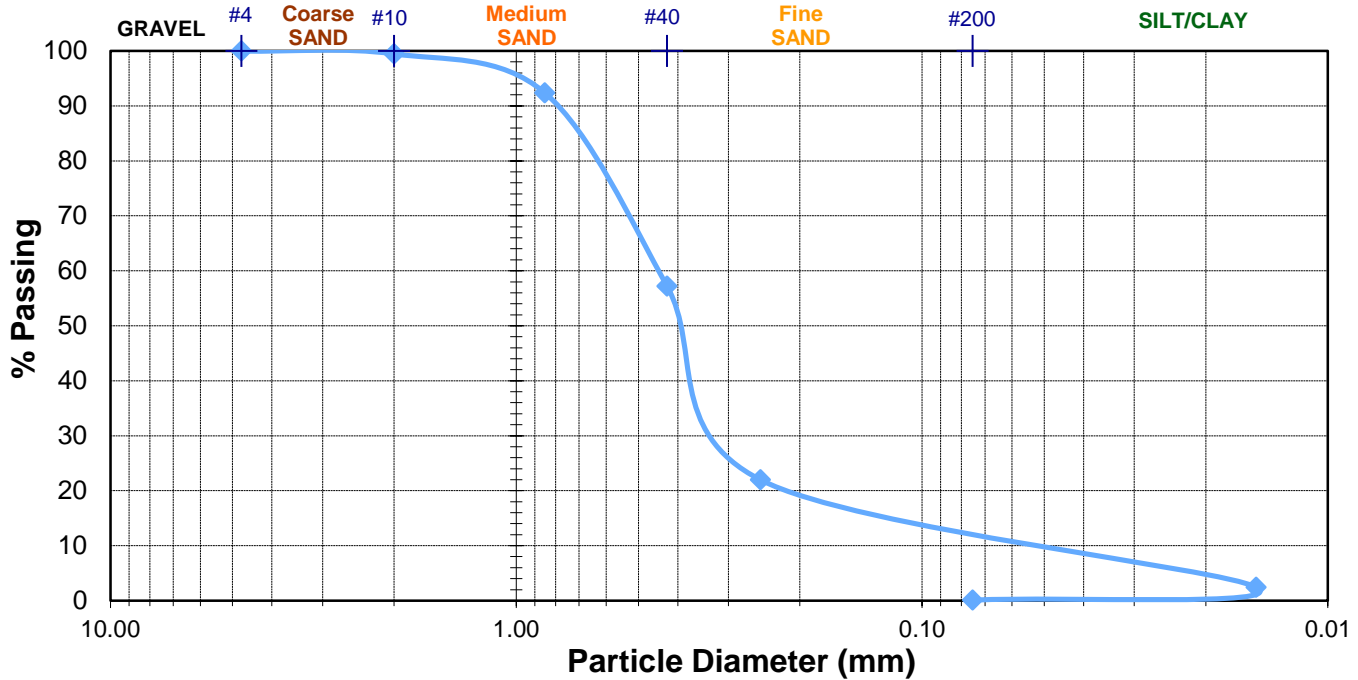


## Distribution Curve

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<b>Date:</b> <u>10/11/2021</u>	<b>Date Tested &amp; Sampled:</b> <u>10/11/2021</u>	
<b>Client:</b> <u>E.R. Jahna Industries Inc.</u>	<b>Tested By:</b> <u>Jeremy Mitchell</u>	
<b>Project:</b> <u>Quality Control for Monthly FDOT Report</u>		
<b>Sample Location:</b> <u>Stockpile on site</u>		
<b>Material Description:</b> <u>Silica Sand--Independent South--FDOT Pit # 11-298</u>		



Sieve No.	4	8	16	30	50	100	200	-200
Percent Passing	<u>99.97</u>	<u>99.46</u>	<u>92.38</u>	<u>57.20</u>	<u>21.97</u>	<u>2.40</u>	<u>0.09</u>	<u>0.00</u>
Median (D50) (mm)	Mean (mm)		Effective Size (D10) (mm)		Uniformity Coefficient (D60 / D 10) (mm)			
<u>0.481</u>	<u>0.43</u>		<u>0.208</u>		<u>3.103</u>			
ASTM D2434--Permeability of Granular Soils (Constant Head)						Max Dry Density = 111.7 PCF Optimum Moisture 10.3 %		
Coefficient of Permeability (ft / day)		<u>258.9</u>			Coefficient of Permeability (cm / sec)		91.3	