

Municipal Testing Lab of FL. Inc.

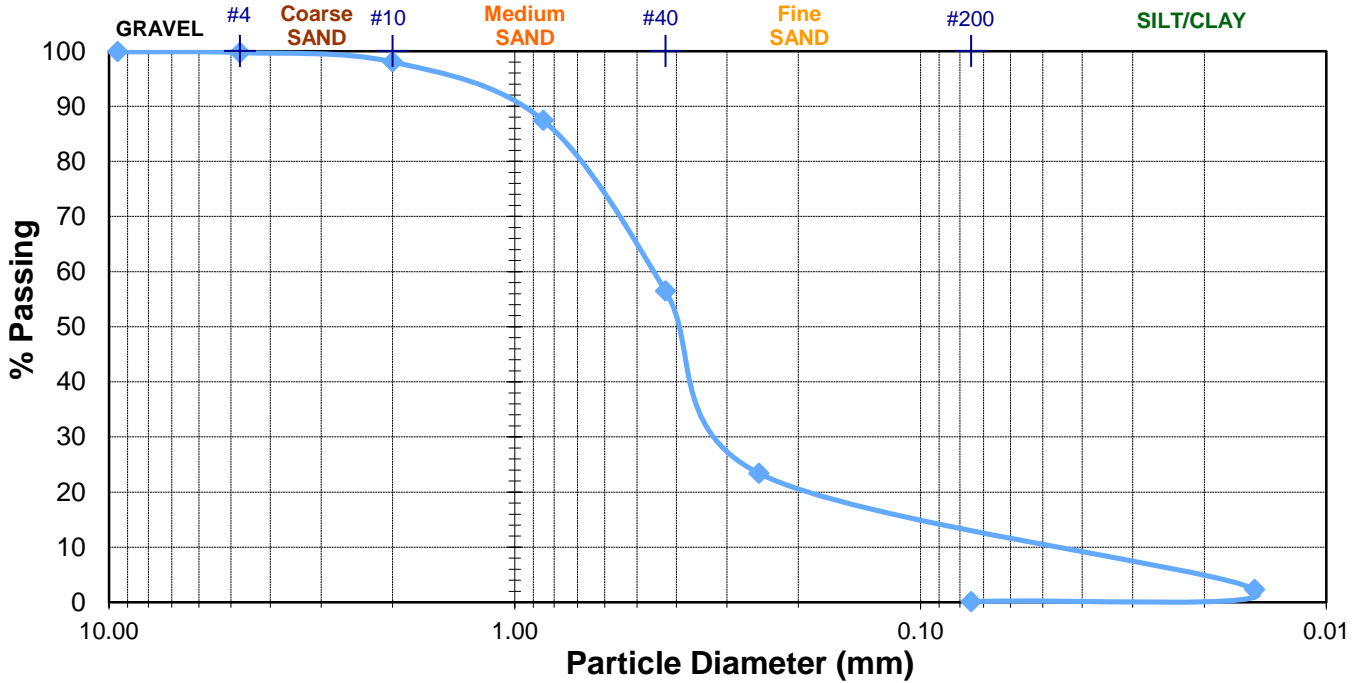
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Distribution Curve

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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--Independent North--FDOT Pit # 11-490	



	3/8"	99.89						
Sieve No.	4	8	16	30	50	100	200	-200
Percent Passing	99.73	98.03	87.40	56.46	23.39	2.31	0.10	0.00
Median (D50) (mm)	Mean (mm)		Effective Size (D10) (mm)		Uniformity Coefficient (D60 / D 10) (mm)			
0.479	0.43		0.205		3.255			
ASTM D2434--Permeability of Granular Soils (Constant Head)						Max Dry Density = 111.7 PCF Optimum Moisture 10.3 %		
Coefficient of Permeability (ft / day)	299.7			Coefficient of Permeability (cm / sec)		105.7		