

Municipal Testing Lab of FL. Inc.

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Distribution Curve

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Date: 5/31/2023 **Tested By:** Jeremy Mitchell
Client: ER Jahna **Sample Procedure:** AASHTO R-90
Project: QC--Independent 474 South Mine (Pit # 11-298) **Test Procedure:** AASHTO T-11 & T-27
Concrete Sand

Location: 8455 County Rd 474, Clermont, FL- 34714

Material Description: QC--Independent 474 South Mine (Pit # 11-298) Concrete Sand

Max Dry Density: 112.3 @ 10.0%

Specific Gravity (OD) 2.615 **Specific Gravity (SSD)** 2.625 **Apparent Specific Gravity** 2.641 **% Absorp.** 0.4

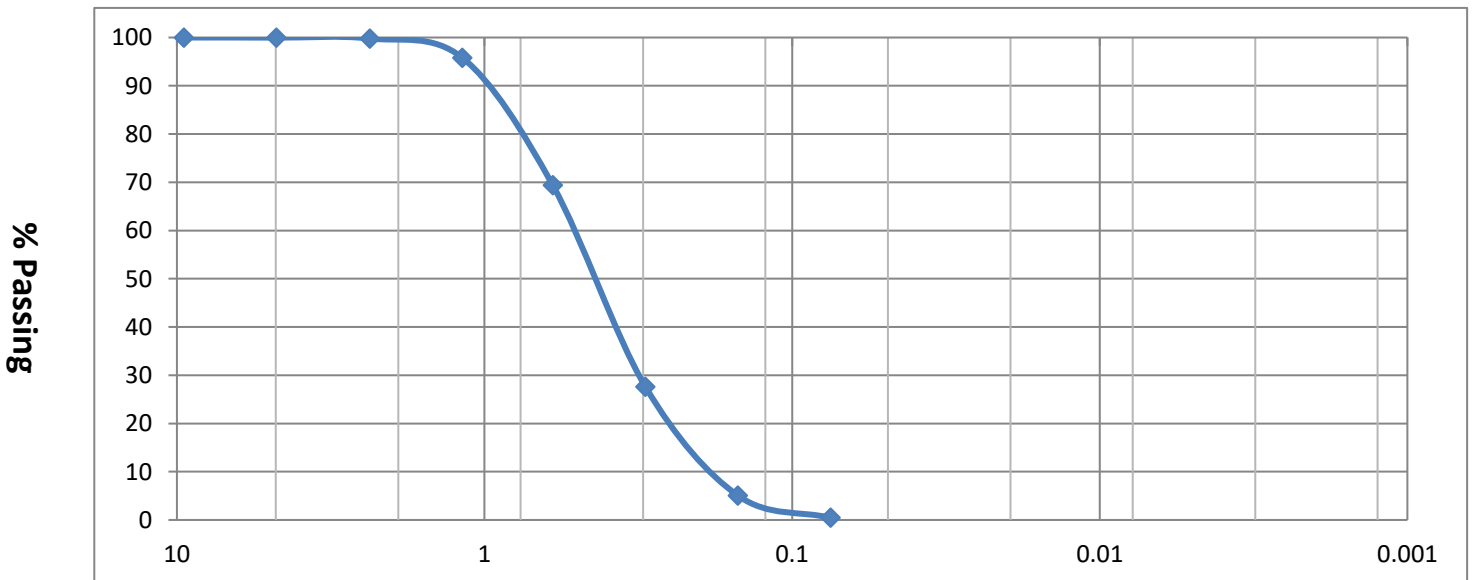
Sieve No.:	4	8	16	30	50	100	200	-200
% Passing	99.98	99.79	95.79	69.39	27.63	5.05	0.46	0.00

Median (D50) (mm)	Mean (mm)	Effective Size (D10) (mm)	Uniformity Coefficient (D60/D10) (mm)
<u>0.461</u>	<u>0.56</u>	<u>0.183</u>	<u>1.680</u>

ASTM D 2434 Permeability of Granular Soils (Constant Head)

Coefficient of Permeability (ft / day)	<u>105.4</u>	Coefficient of Permeability (cm / sec)	<u>37.2</u>
		<u>(x 10⁻³)</u>	

Gravel Coarse Medium Fine Silt Clay
 # 4 # 10 # 40 # 200



Particle Diameter (MM)