

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: Haines City Mine (Pit # 16-024) Concrete Sand **Test Procedure:** AASHTO T-11 & T-27

Location: 4910 State Rd 544, Haines City, FL 33844

Material Description: Haines City Mine (Pit # 16-024) Concrete Sand

Max Dry Density: 111.9 @ 9.8%

Specific Gravity (OD) 2.635 **Specific Gravity (SSD)** 2.642 **Apparent Specific Gravity** 2.655 **% Absorp.** 0.3

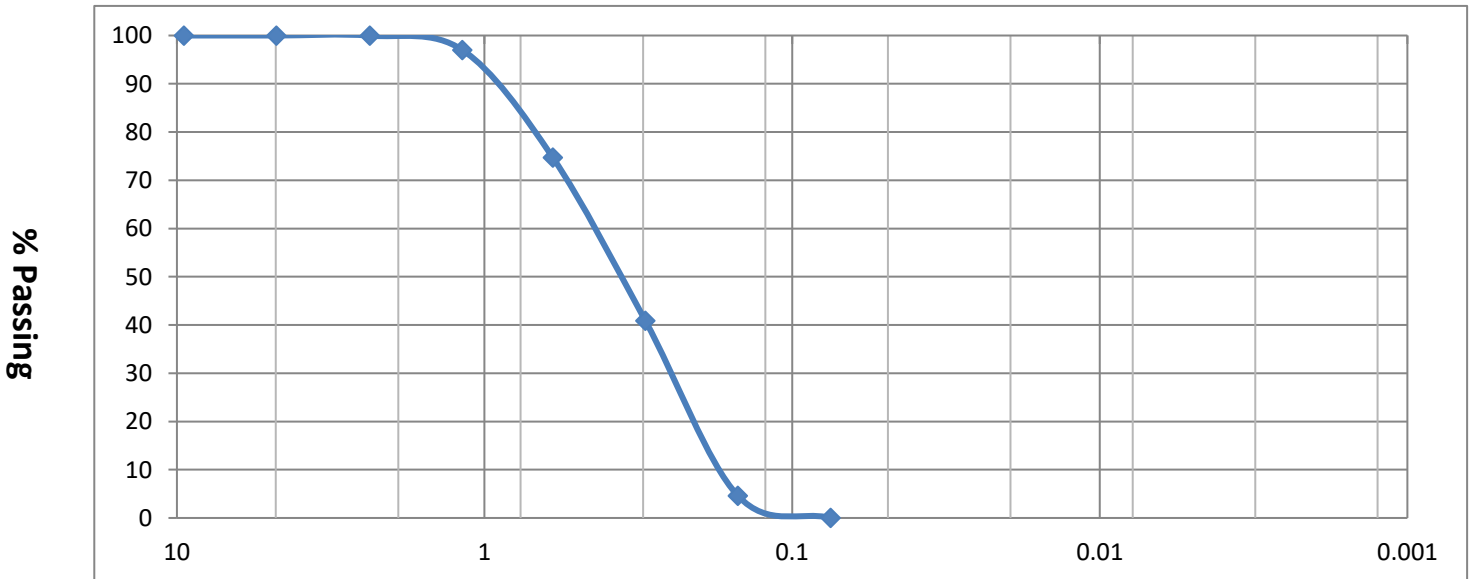
Sieve No.:	4	8	16	30	50	100	200	-200
% Passing	100.00	99.97	96.99	74.72	40.87	4.59	0.02	0.00

Median (D50) (mm)	Mean (mm)	Effective Size (D10) (mm)	Uniformity Coefficient (D60/D10) (mm)
<u>0.381</u>	<u>0.60</u>	<u>0.172</u>	<u>1.841</u>

ASTM D 2434 Permeability of Granular Soils (Constant Head)

Coefficient of Permeability (ft / day)	<u>105.6</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)