

# 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:** Independent North Mine (Pit # 11-490) Concrete Sand **Test Procedure:** AASHTO T-11 & T-27

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

**Material Description:** Independent North Mine (Pit # 11-490) Concrete Sand

**Max Dry Density:** 112.3 @ 9.9%

**Specific Gravity (OD)** 2.635 **Specific Gravity (SSD)** 2.64 **Apparent Specific Gravity** 2.649 **% Absorp.** 0.2

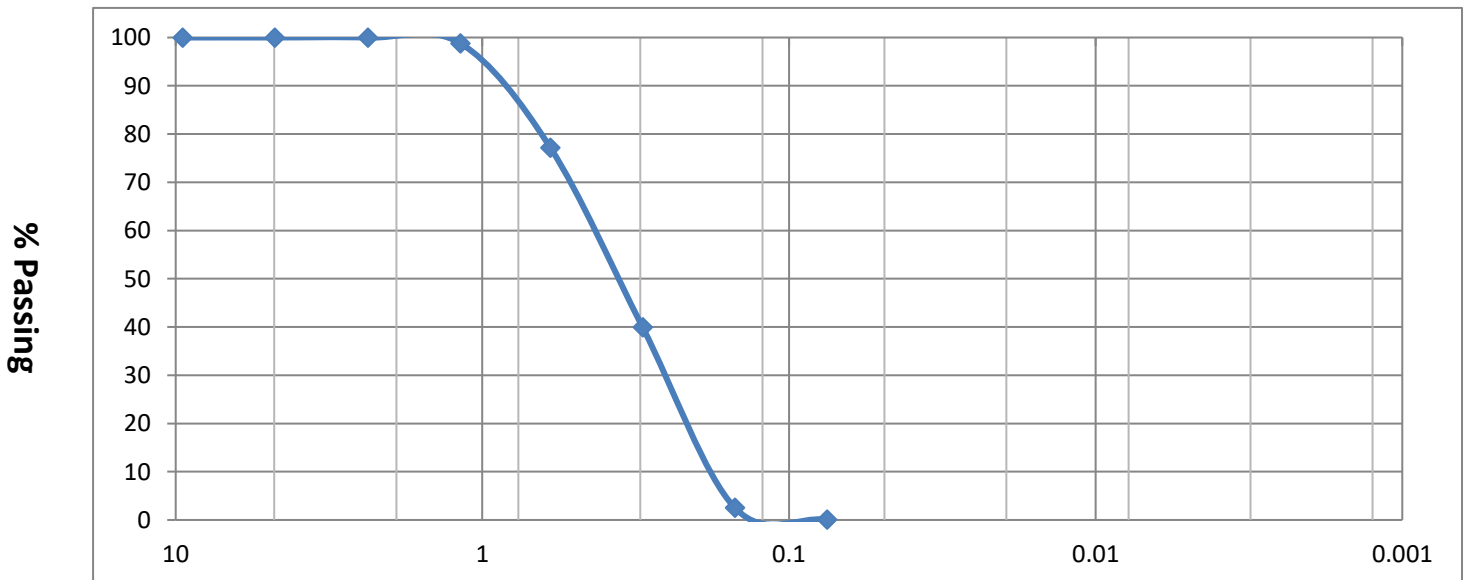
Sieve No.:	4	8	16	30	50	100	200	-200
% Passing	100.00	99.97	98.80	77.16	39.93	2.50	0.07	0.00

Median (D50) (mm)	Mean (mm)	Effective Size (D10) (mm)	Uniformity Coefficient (D60/D10) (mm)
<u>0.381</u>	<u>0.59</u>	<u>0.180</u>	<u>1.774</u>

### ASTM D 2434 Permeability of Granular Soils (Constant Head)

<b>Coefficient of Permeability (ft / day)</b>	<u>104.9</u>	<b>Coefficient of Permeability (cm / sec)</b>	<u>37.0</u>
		<u>(x 10<sup>-3</sup>)</u>	

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



**Particle Diameter (MM)**