

# 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:** Ortona Mine (Pit # 05-045) Concrete Sand **Test Procedure:** AASHTO T-11 & T-27

**Location:** 8561 FL-78, Moore Haven, FL 33471  
**Material Description:** Ortona Mine (Pit # 05-045) Concrete Sand  
**Max Dry Density:** 112.0 @ 10.0%  
**Specific Gravity (OD)** 2.619 **Specific Gravity (SSD)** 2.622 **Apparent Specific Gravity** 2.628 **% Absorp.** 0.1

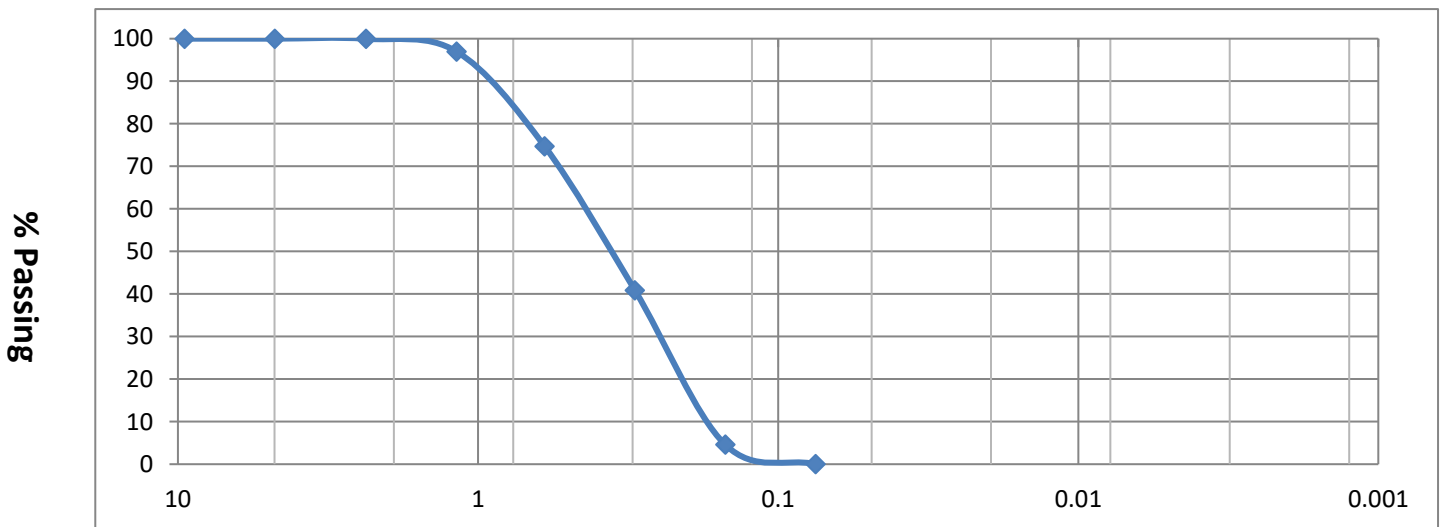
Sieve No.:	4	8	16	30	50	100	200	-200
% Passing	99.99	99.40	91.16	60.04	22.46	1.30	0.02	0.00

Median (D50) (mm)	Mean (mm)	Effective Size (D10) (mm)	Uniformity Coefficient (D60/D10) (mm)
<u>0.599</u>	<u>0.52</u>	<u>0.212</u>	<u>1.664</u>

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

<b>Coefficient of Permeability (ft / day)</b>	<u>105.10</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)**