



# CONSTRUCTION TESTING & ENGINEERING, INC.

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## SOILS TEST REPORT DRY SIEVE ANALYSIS & UNIT WEIGHT TESTS

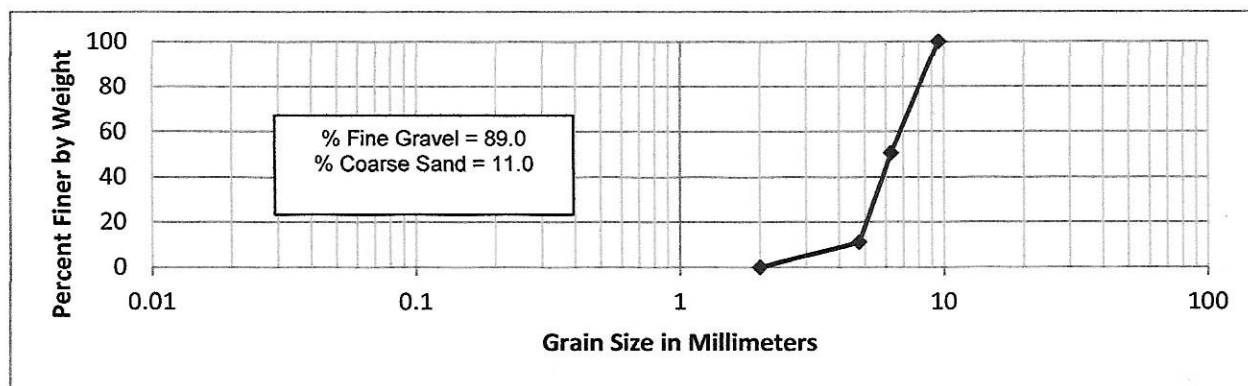
CLIENT: Lakeview Rock Products  
PROJECT: QC Testing, Lower Pit  
RE: Minus 3/8" Gravel  
SPECIFICATION REQUIREMENTS: See target below

DATE: August 10, 2021, Tue.  
FILE #: 125 / WO #: 5850

### SIEVE ANALYSIS RESULTS ASTM C 136

Sieve Size	Sieve Opening in mm	Individual % Retained	Accumulated % Retained	**RESULTS** % Passing	Ideal /Tolerance Gradation % Passing
3/8"	9.5	49.5	0	100	100
1/4"	6.3	39.5	49.5	50.5	NA
#4	4.75	39.5	89.0	11.0	---
#10	2.0	11.0	100	0	---

Test sample dry weight: 2136



### UNIT WEIGHT – RODDING METHOD ASTM 29

91.2 = lbs/cu ft;      2462.4 = lbs/cu yrd (based on dry weight)  
93.6 = lbs/cu ft      527.2 = lbs/cu yrd (based on moisture as received, 1.1%)  
Average:    92.4                      2494.8

#### REMARKS:

Source of material: Lower Pit stockpile  
Moisture content as received: 1.1%  
Gravel physical appearance/shape: Angular (crushed)

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CERTIFIED TEST REPORT:

David K. Megeath, Manager