

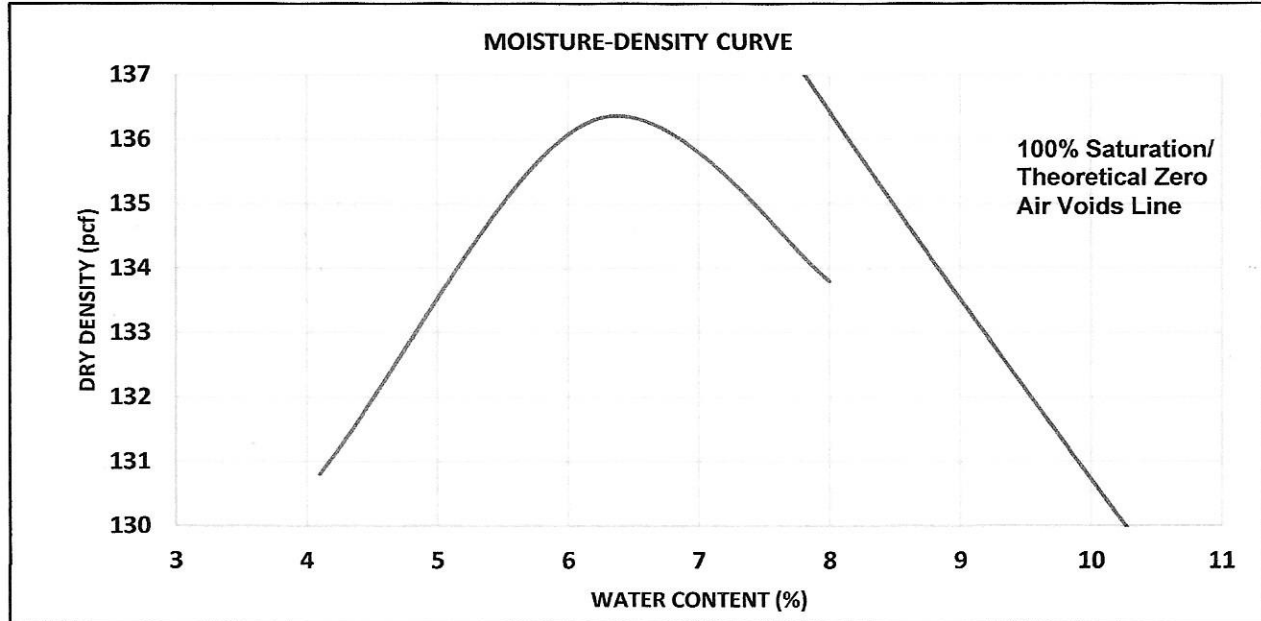


CONSTRUCTION TESTING & ENGINEERING, INC.

P.O. BOX 271125, SALT LAKE CITY, UTAH 84127-1125
(801) 972-4001 • Construction.Testing@gmail.com

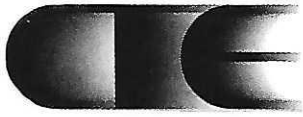
SOIL MOISTURE-DENSITY RELATIONSHIP

CLIENT:	Lakeview Rock Products	DATE:	January 26, 2022, Wed.
PROJECT:	QC Testing, North Pit	WORK ORDER:	7190
CONTRACTOR:	Lakeview Rock Products	FILE:	125-1
TEST METHOD:	ASTM D 1557-91 / AASHTO T-180, Method B		
PROCTOR DATA			
SOURCE OF MATERIAL:		North Pit stockpile	
-3/4" MAXIMUM DRY DENSITY:		136.4	
-3/4" OPTIMUM MOISTURE CONTENT:		6.3	
MOISTURE CONTENT AS RECEIVED:		2.8	
QUALITATIVE / PHYSICAL SOIL DESCRIPTION (ASTM D 2487 / D 2488):			
<u>1/2" Minus Sandy Gravel with Silt:</u>			
Coarse-grained soil comprised of 56.7% well-graded, 1/2" minus angular gravel (chips); 33.4% well-graded angular sand; and 9.9% non-plastic silt. Soil color: Moderate tan at optimum moisture; light grey-tan when dry.			
Note: See related/attached sieve analysis test report (pg 2).			



CONSTRUCTION TESTING & ENGINEERING, INC.
CERTIFIED TEST REPORT:

David K. Megeath, Manager



CONSTRUCTION TESTING & ENGINEERING, INC.

P.O. BOX 271125, SALT LAKE CITY, UTAH 84127-1125
(801) 972-4001 • Construction.Testing@gmail.com

SOILS TEST REPORT

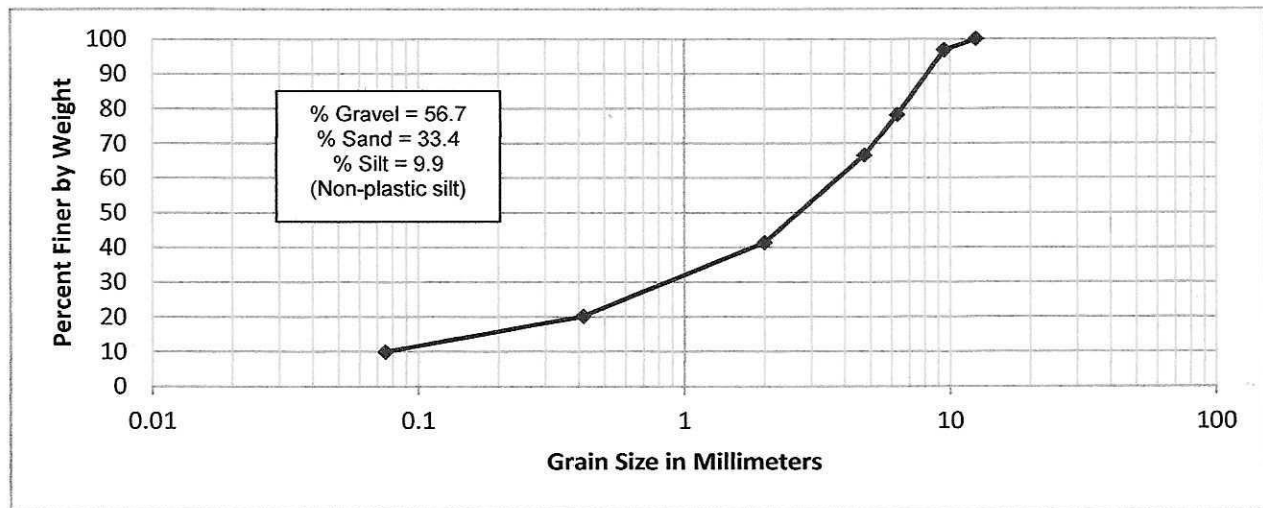
CLIENT: Lakeview Rock Products
PROJECT: QC Testing, North Pit
RE: 1/2" Minus Sandy Gravel with Silt
SPECIFICATION REQUIREMENTS: NA

DATE: January 26, 2022, Wed.
FILE #: 125 / WO #: 7190

SIEVE ANALYSIS RESULTS ASTM C 117 / C 136

Sieve Size	Sieve Opening in mm	Individual % Retained	Accumulated % Retained	**RESULTS** % Passing	Ideal/Tolerance Gradation % Passing
1/2"	12.5	0	0	100	100
3/8"	9.5	3.2	3.2	96.8	NA
1/4"	6.3	18.7	21.9	78.1	---
#4	4.75	11.5	33.4	66.6	---
#10	2.0	25.3	58.7	41.3	---
#40	.417	21.1	79.8	20.2	---
#200	.075	10.3	90.1	9.9	---

Test sample dry weight: 2603 grams



REMARKS:

Source of material: North Pit stockpile
Gravel, sand physical characteristics: Angular
See related/attached proctor test report (pg 1).

CONSTRUCTION TESTING & ENGINEERING, INC.
CERTIFIED TEST REPORT:

David K. Megeath, Manager