

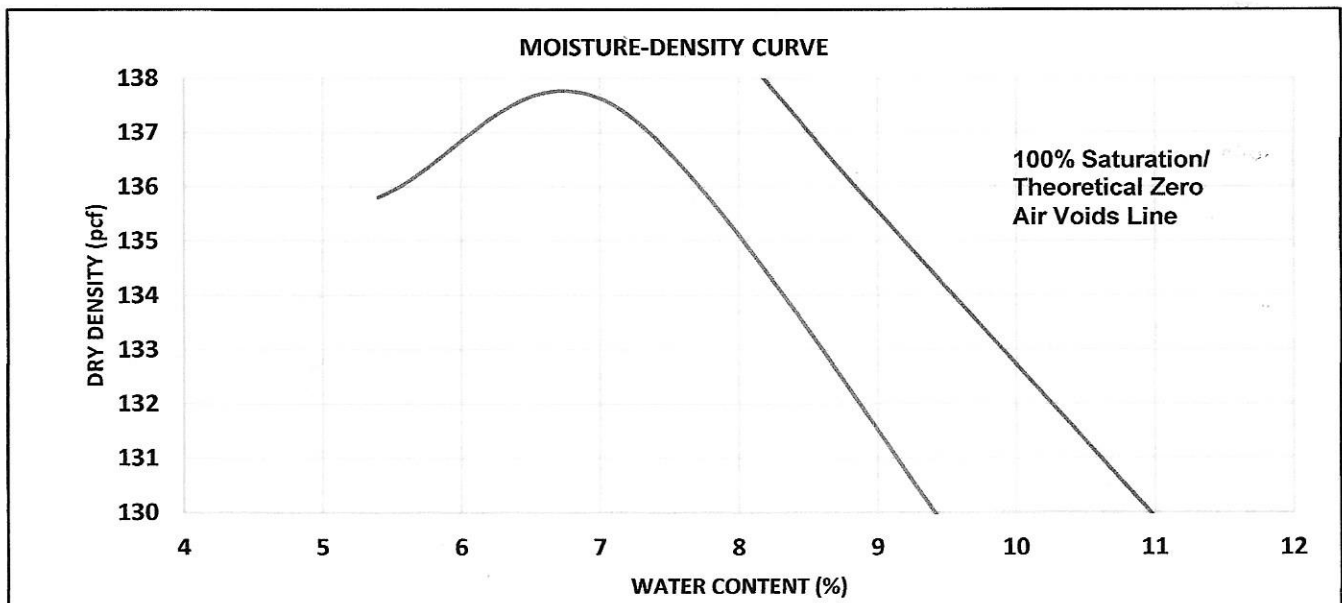


CONSTRUCTION TESTING & ENGINEERING, INC.

P.O. BOX 271125, SALT LAKE CITY, UTAH 84127-1125
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SOIL MOISTURE-DENSITY RELATIONSHIP

CLIENT:	Lakeview Rock Products	DATE:	January 26, 2022, Wed.
PROJECT:	QC Testing, Upper 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:	Upper Pit stockpile		
MAXIMUM DRY DENSITY (lbs/cu ft):	137.8		
OPTIMUM MOISTURE CONTENT (%):	6.8		
MOISTURE CONTENT AS RECEIVED (%):	3.4		
QUALITATIVE / PHYSICAL SOIL DESCRIPTION (ASTM D 2487 / D 2488): <u>Bedding Sand:</u> Coarse-grained soil comprised of 66.8% well graded angular sand and 33.2% non-plastic silt; Soil color: Medium rust-tan at optimum moisture; light tan when dry.			
Note: See related/attached sieve analysis test report (pg 2).			



CONSTRUCTION TESTING & ENGINEERING, INC.
CERTIFIED TEST REPORT:

David K. Megeath, Manager



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SOILS TEST REPORT

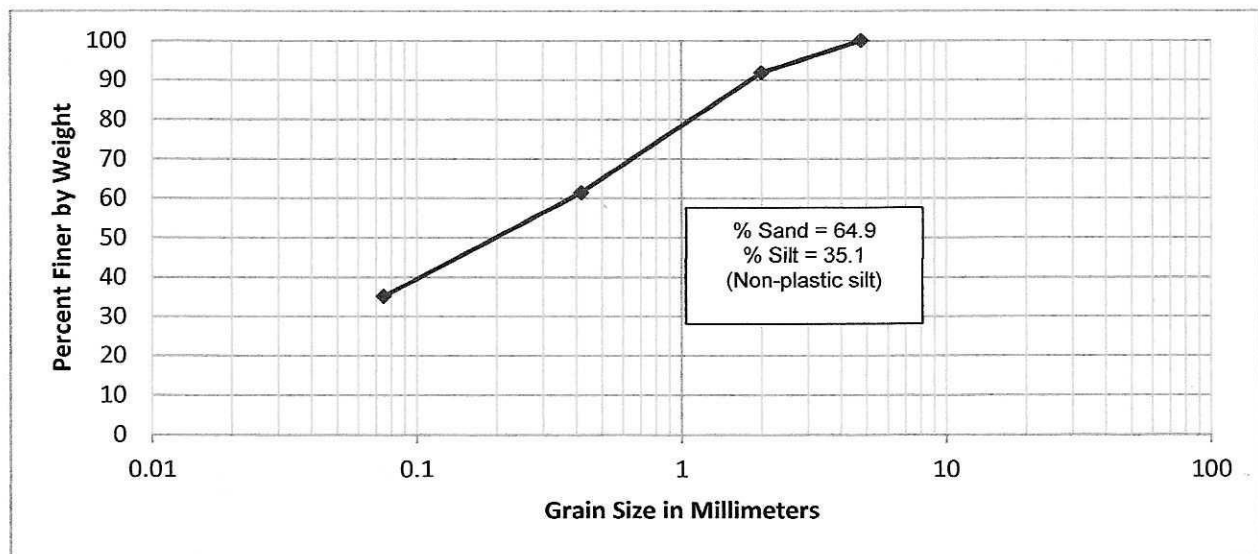
CLIENT: Lakeview Rock Products
PROJECT: QC Testing, Upper Pit
RE: Bedding Sand
SPECIFICATION REQUIREMENTS: NA, reference testing

DATE: January 25, 2022, Mon.
FILE #: 125 / WO #: 4274

SIEVE ANALYSIS RESULTS ASTM C 117 / C 136

Sieve Size	Sieve Opening in mm	Individual % Retained	Accumulated % Retained	**RESULTS** % Passing	Ideal /Tolerance Gradation % Passing
#4	4.75	0	0	100	100
#10	2.0	8.1	8.1	91.9	"
#40	.417	30.5	38.6	61.4	"
#200	.075	26.3	64.9	35.1	"

Test sample dry weight: 627 grams



REMARKS:

Source of material: Upper Pit stockpile
See related/attached proctor test report (pg1).

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