

3/18/2024
 Lakeview Rock Products
 P.O. Box 540700
 North Salt Lake Utah, 84054

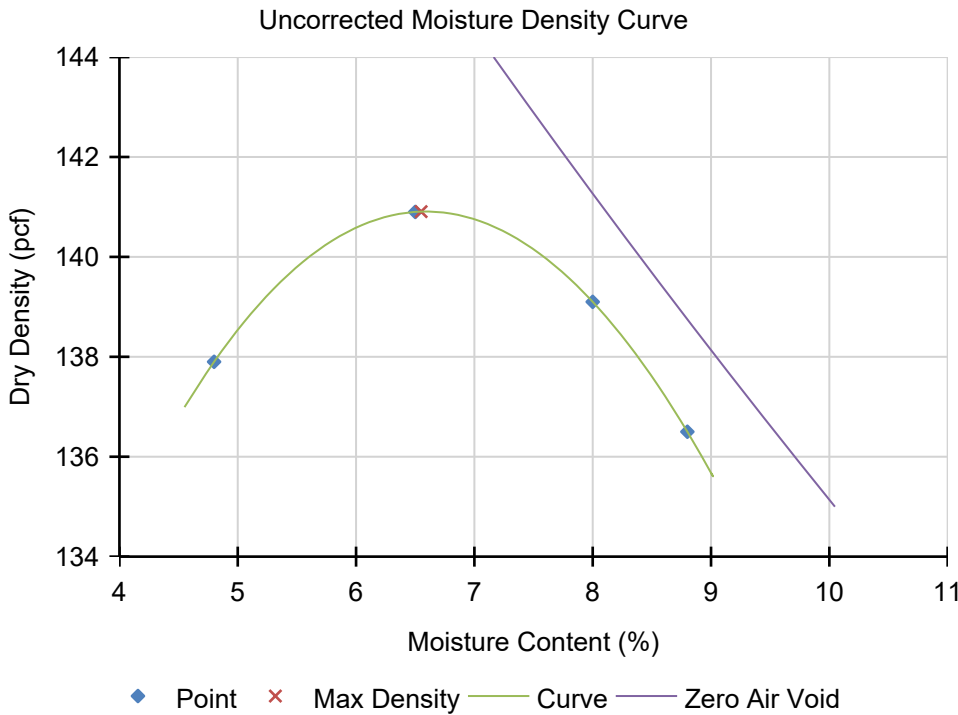
LABORATORY COMPACTION CHARACTERISTICS OF SOIL

Project No.: 001764
 Client Reference No.:
 Barcode: WVCL3970
 Material Criteria: UDOT ABC UTBC I, 2721
 Material Source: Thomas pit lower
 Material Description: UTBC
 Project: Lakeview Rock Products Laboratory Services - 1764
 Location Detail:

Date Sampled: 3/14/2024
 Date Tested: 3/15/2024
 Sampled By: Client

Test Standard: AASHTO T-180
 Compaction Method: D
 Rock Correction: Yes
 Rock Replacement:
 Rock Specific Gravity: 2.599
 Specific Gravity Determination: Lab Tested

Method of Sample Preparation Used: Dry
 Type of Compaction Rammer Used: Automatic
 Type of Rammer Face: Sector Face
 Corrected Optimum Moisture Content (%): 6.1
 Corrected Maximum Dry Density (pcf): 142.7



Sieve Analysis	
Sieve Size	Retained (%)
+3/4"	9.5
+3/8"	26.5
+No. 4	19.6
Minus No. 4	44.4
Total	100.0

Point	Moisture Content (%)	Dry Density
1	4.8	137.9
2	6.5	140.9
3	8.0	139.1
4	8.8	136.5

Comments:

Tested By: Lyle Brown

Manager: Belinda Torres

Test results relate only to the sample tested. This test report shall not be reproduced, except in full, without the prior written approval of CMT West Valley Main Office - (801)908-5859.

Lab Address: 2688 S. Redwood Rd. Suite E,F,G,H West Valley City Utah, 84119

System Link: <http://cmt-data.com/assignments/C421930A-ACF2-4582-EE4E-7891A0EAAE4F>

System Path: Lakeview Rock Products Laboratory Services - 1764 / SOILS - FIELD AND LAB TESTING / 001764 ProctorRC KK03/15/2024

3/13/2024

Lakeview Rock Products
P.O. Box 540700
North Salt Lake Utah, 84054

Sieve Analysis

AASHTO: T-27, T-11

Project No:	001764	Date Tested:	2/29/2024 4:11 PM
Client Reference No:		Sample Rec. Date:	2/29/2024 2:00 PM
Barcode:	WVCL3954	Date Sampled:	2/29/2024 2:37 PM
Material Source:	Thomas Pit	Sampled By:	Client
Material Description:	State Spec Roadbase		
Project:	Lakeview Rock Products Laboratory Services - 1764		
Location Detail:			

Sieve Size	Individual Weight Retained	Individual Percent Retained	Cumulative Percent Retained	Cumulative Percent Passing	Spec Min Percent	Spec Max Percent	Pass/Fail
1-1/2":	0.0	0.0	0.0	100	100	100	Pass
1":	807.5	4.1	4.1	96	82	100	Pass
3/4":	3,642.5	18.5	22.6	77	76	94	Pass
1/2":	3,714.0	18.8	41.4	59	58	76	Pass
3/8":	1,740.1	8.8	50.2	50	46	64	Pass
No. 4:	3,287.1	16.7	66.9	33	33	47	Pass
Total Sample Wt:	19,719.3						
No. 10:	123.8	9.2	76.1	24			
No. 16:	49.6	3.7	79.8	20	20	30	Pass
No. 40:	60.4	4.5	84.3	16			
No. 100:	51.7	3.8	88.1	12			
No. 200:	45.1	3.3	91.4	8.6	8	14	Pass

Fine Gradation Only

Wet Original Wt.: 466.2
Dry Original Wt.: 447.9
Washed Wt.: 337.1
Minus No. 200 Washed Out: 110.8 (8.2%)
Minus No. 200 Sieved Out: 6.1
Total Minus No. 200: 116.9 (8.6 %)

AASHTO: T-89, T-90

Liquid Limit:
Plastic Limit:
Plasticity Index:

Remarks:

Technician: Tyler Schofield
Digital Signature By User Login

Manager: Belinda Torres
Title: Laboratory Manager
Digital Signature By User Login

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System Path: Lakeview Rock Products Laboratory Services - 1764 / SOILS - FIELD AND LAB TESTING / 001764 SieveSplit1 1/2in
KK02/29/2024