

8/9/2024

North Slope Crushing
P.O. Box 908
Kamas Utah, 84036

Sieve Analysis - Pit Run

AASHTO: T-27, T-11

Project No: 008220
Client Reference No:
Barcode: WVCL4350
Material Source: Browns Pit
Material Description: Commercial Roadbase
Project: North Slope Crushing Lab Services - 8220
Location Detail:

Date Tested: 8/7/2024 12:00 PM
Sample Rec. Date: 8/6/2024 12:00 PM
Date Sampled: 8/6/2024 12:00 PM
Sampled By: Client

Sieve Size	Individual Weight Retained	Individual Percent Retained	Cumulative Percent Retained	Cumulative Percent Passing	Spec Min Percent	Spec Max Percent	Pass/Fail
1.5"	0.0	0.0%	0.0%	100			
1"	20.1	0.1%	0.1%	100			
3/4"	1,286.3	4.2%	4.3%	96			
Minus 3/4":	29,000.6						
Total Sample Wt:	30,307.0						
1/2"	301.3	15.1%	19.4%	81			
3/8"	240.8	12.1%	31.5%	69			
#4	338.6	17.0%	48.5%	52			
#10	172.2	8.7%	57.2%	43			
#16	44.7	2.2%	59.4%	41			
#40	63.2	3.2%	62.6%	37			
#100	277.6	14.0%	76.6%	23			
#200	180.6	9.1%	85.7%	14			

Fine Gradation Only

Wet Original Wt.: 2,020.6
Dry Original Wt.: 1,903.4
Washed Wt.: 1,658.8
Minus No. 200 Washed Out: 244.6 (12.3%)
- No.200 Sieved Out: 39.4
Total - No.200: 284.0 (14 %)

AASHTO: T-89, T-90

Liquid Limit:
Plastic Limit:
Plasticity Index:

Remarks:

Technician: Anna Marsh
Digital Signature By User Login

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

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/22581570-2163-45CB-3FC5-F3016C927B5D>

System Path: North Slope Crushing Lab Services - 8220 / SOILS - FIELD AND LAB TESTING / 008220 SieveCustomSplit KK08/09/2024

8/9/2024
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P.O. Box 908
Kamas Utah, 84036

LABORATORY COMPACTION CHARACTERISTICS OF SOIL

Project No.: 008220
Client Reference No.:
Barcode: WVCL4350
Material Criteria:
Material Source: Browns Pit
Material Description: Commercial Roadbase
Project: North Slope Crushing Lab Services - 8220
Location Detail:

Date Sampled: 8/6/2024
Date Tested: 8/7/2024
Sampled By: Client

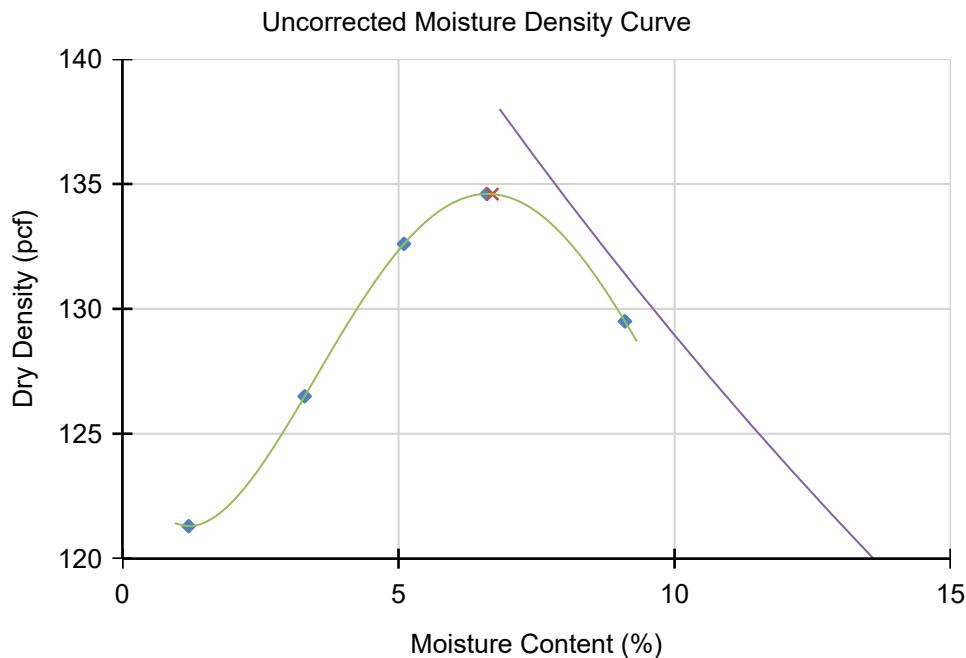
Test Standard: AASHTO T-180
Compaction Method: D
Rock Correction: No
Rock Replacement: No
Rock Specific Gravity:
Specific Gravity Determination:

Method of Sample Preparation Used: Dry
Type of Compaction Rammer Used: Automatic
Type of Rammer Face: Sector Face
Optimum Moisture Content (%): 6.7
Maximum Dry Density (pcf): 134.6

Sieve Analysis

Sieve Size	Retained (%)
+3/4"	4.3
+3/8"	27.2
+No. 4	17.0
-No. 4	51.5
Total	100.0

Point	Moisture Content (%)	Dry Density
1	1.2	121.3
2	3.3	126.5
3	5.1	132.6
4	6.6	134.6
5	9.1	129.5



Comments:

Tested By: Jackson Barber

Manager: Belinda Torres

Belinda Torres

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System Path: North Slope Crushing Lab Services - 8220 / SOILS - FIELD AND LAB TESTING / 008220 ProctorNRC KK08/09/2024