

5/22/2026
 North Slope Crushing
 P.O. Box 908
 Kamas Utah, 84036

Sieve Analysis

AASHTO: T-27, T-11

Project No:	008220	Date Tested:	5/21/2026 3:45 PM
Client Reference No:		Sample Rec. Date:	5/20/2026 5:00 PM
Barcode:	WVCL6429	Date Sampled:	5/20/2026 4:38 PM
Material Source:	Browns Canyon	Sampled By:	Client
Material Description:	UTBC		
Project:	North Slope Crushing Lab Services - 8220		
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":	1,265.5	7.7	7.7	92	90	100	Pass
3/4":	1,711.7	10.4	18.1	82	70	85	Pass
1/2":	2,735.3	16.6	34.7	65	65	80	Pass
3/8":	1,301.9	7.9	42.6	57	55	75	Pass
No. 4:	2,413.7	14.6	57.2	43	40	65	Pass
Total Sample Wt:	16,482.6						
No. 10:	99.2	7.9	65.1	35			
No. 16:	30.7	2.5	67.6	32	25	40	Pass
No. 40:	40.7	3.3	70.9	29			
No. 100:	144.2	11.5	82.4	18			
No. 200:	106.5	8.5	90.9	9.1	7	11	Pass

Fine Gradation Only

Wet Original Wt.: 551.3
 Dry Original Wt.: 535.5
 Washed Wt.: 430.2
 Minus No. 200 Washed Out: 105.3 (8.4%)
 Minus No. 200 Sieved Out: 9.2
 Total Minus No. 200: 114.5 (9.1 %)

AASHTO: T-89, T-90

Liquid Limit:
 Plastic Limit:
 Plasticity Index:

Remarks:

Technician: Ford McClellan
 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/4846DAE3-4BB4-42B8-AE09-56C5D92E45FB>
 System Path: North Slope Crushing Lab Services - 8220 / SOILS - FIELD AND LAB TESTING / 008220 SieveSplit1½in KH05/21/2026

5/22/2026
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LABORATORY COMPACTION CHARACTERISTICS OF SOIL

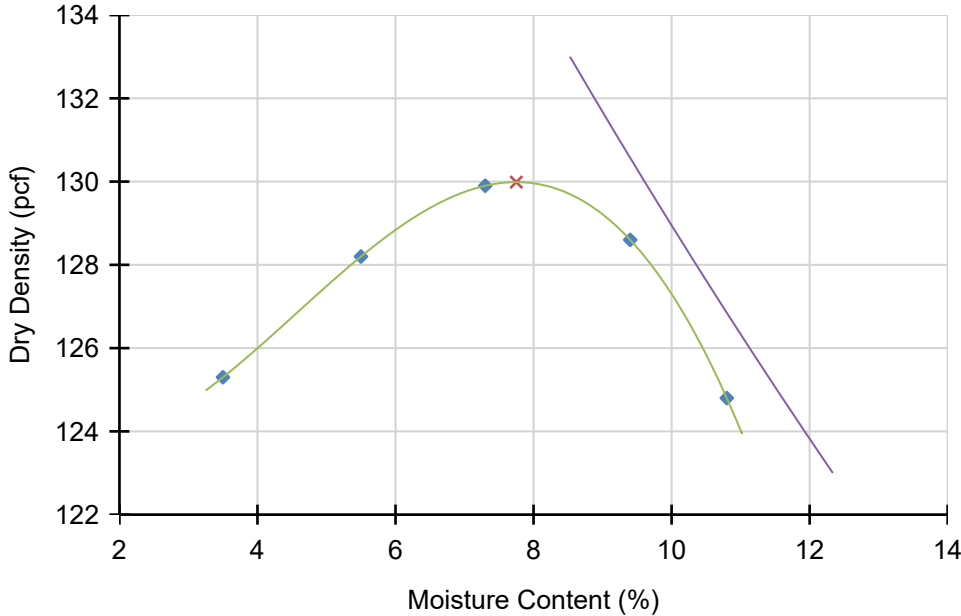
Project No.: 008220
 Client Reference No.:
 Barcode: WVCL6407
 Material Criteria: UDOT ABC UTBC, 2721
 Material Source: Browns Canyon
 Material Description: UDOT Base
 Project: North Slope Crushing Lab Services - 8220
 Location Detail: Bags I-2-3 through I-2-6

Date Sampled: 5/14/2026
 Date Tested: 5/20/2026
 Sampled By: Client

Test Standard: AASHTO T-180
 Compaction Method: D
 Rock Correction: No
 Rock Replacement: Yes
 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 (%): 7.8
 Maximum Dry Density (pcf): 130.0

Uncorrected Moisture Density Curve



Sieve Analysis

Sieve Size	Retained (%)
Total	0.0

Total 0.0

* Contractor requested proctor be ran.

Point	Moisture Content (%)	Dry Density
1	3.5	125.3
2	5.5	128.2
3	7.3	129.9
4	9.4	128.6
5	10.8	124.8

◆ Point ✕ Max Density — Curve — Zero Air Void

Comments:

Tested By:

Manager: Belinda Torres

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System Link: <http://cmt-data.com/assignments/1A0D2B00-6D23-45B3-9E2C-C1D0D16664A6>

System Path: North Slope Crushing Lab Services - 8220 / SOILS - FIELD AND LAB TESTING / 008220 ProctorNRC KH05/21/2026

5/22/2026
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**Resistance to Degradation of Small-Size
Coarse Aggregate by Abrasion and Impact in
the Los Angeles Machine**

ASTM C-131

Project No: 008220
Client Reference No:
Barcode: WVCL6407
Material Source: Browns Canyon
Material Description: UDOT Base
Project: North Slope Crushing Lab Services - 8220
Location Detail: Bags I-2-3 through I-2-6
Specification:
Comment of Deviations:

Date Tested: 5/21/2026
Sample Rec. Date: 5/14/2026
Date Sampled: 5/14/2026
Sampled By: Client
Sample Method:

Nominal Max: 1.5"

Grading: A

Number of Spheres: 12

Percent Wear: 38

Remarks:

Technician: Ford McClellan
Digital Signature By User Login

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

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

System Link: <http://cmt-data.com/assignments/036B3557-C95C-4F30-B5D0-2166803F921F>

System Path: North Slope Crushing Lab Services - 8220 / SOILS - FIELD AND LAB TESTING / 008220 LAAbrasionFine KH05/21/2026