

CMT ENGINEERING **LABORATORIES**

Geotechnical • Materials Testing • Special Inspections • Chemical Analysis

Commercial Road-Base Proctor

Material:

1 ½” Recycled Commercial UTBC

Prepared for: Asphalt Materials Inc

Date Prepared: 5/17/2020



Density	Optimum Moisture
126.9	7.0%

CMT ENGINEERING LABORATORIES

Construction • Materials • Technologies
Geotechnical, Environmental, & Materials Engineering/Testing/Research

May 17, 2020

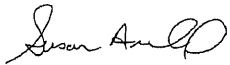
Asphalt Materials
P.O. Box 5
West Jordan, UT 84084

Project: West Jordan Pit
Material: Commercial Roadbase

TARGET LETTER

<u>Sieve</u>	<u>% Passing</u>	<u>UDOT Specification</u>
1.0"	100	90-100
3/4"	85	70-85
1/2"	75	65-80
3/8"	65	55-75
#4	47	40-65
#16	29	25-40
#200	10	7-11

Sincerely,



Susan Arnold
Lab Manager

LABORATORY COMPACTION
CHARACTERISTICS OF SOIL

April 24, 2020

Test Method: AASHTO T-180

Customer: Asphalt Materials

Project: Aggregate QC

Item:

Lab No.: 830329

Project No.: 6551

Date Tested: April 22, 2020

Location: Stockpile

Source: West Jordan

Description of Material: Recycled Commercial Roadbase

Compaction Method: D

Rock Corrected Proctor Test Results

Oversize Rock Correction: Y

Maximum Dry Density: 126.9

Optimum Moisture: 7.0

Specific Gravity: 2.235

Specific Gravity Determination: Assumed

Gradation Lab No.: 830607

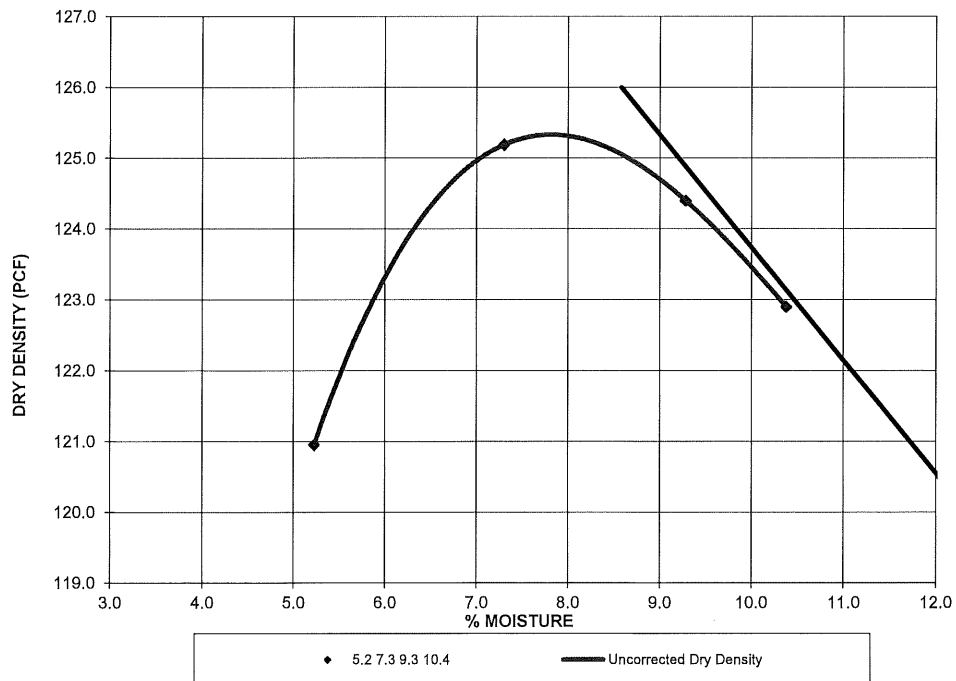
Sieve Analysis:

Sieve	% Retained
+3/4"	11.6
3/8"	23.8
#4	18.5
-#4	46.1
Total:	100.0

Method of Sample Preparation Used: Dry

Type of Compaction Rammer Used: Automatic

Type of Rammer Face: Sector Face



Sue Arnold

Sue Arnold - Laboratory Manager

Tested By: S. Christensen

CMT Technician

April 20, 2020

Asphalt Materials
PO Box 5
West Jordan UT 84084

Project: 6551-Lab Services
Source: West Jordan
Material: Recycled Commercial Roadbase
Date: 4-24-2020

Summary of Test Results

Moisture Density AASHTO T-180

Lab # 830329

Maximum Density	=	126.9 pcf	
Optimum Moisture	=	7.0%	

Los Angeles Abrasion AASHTO T-96

Lab # 832976

% Wear	=	30.3%	50% Max.
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Bulk Density and Voids in Aggregates AASHTO T-19

Lab # 832977

Density of aggregate	=	106.9 pcf	> 75 pcf
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Fracture Face in Coarse Aggregate AASHTO T-335

Lab # 832978

Two or More	=	99.5%	50% Min.
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Liquid Limit, Plastic Index AASHTO T-89 / T-90

Lab # 832975

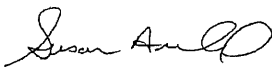
Plastic Index	=	Non-Plastic	Non-Plastic
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California Bearing Ratio AASHTO T-193

Lab # 832297

Surcharge	=	10 lbs.	
CBR Value @ 0.1"	=	98.0%	
CBR Value @ 0.2"	=	120.0%	70% min

Sincerely,



Susan Arnold