

CMT ENGINEERING **LABORATORIES**

Geotechnical • Materials Testing • Special Inspections • Chemical Analysis

State Spec Road-Base Proctor

Material:

1 ½” Recycled Concrete State Spec UTBC

Prepared for: Asphalt Materials Inc

Location: West Jordan

Date Prepared: 05/17/2020



Density	Optimum Moisture
124.3	9.5%

May 17, 2020

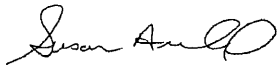
Asphalt Materials
7961 S 1300 W
West Jordan, UT 84084

Summary of Test Results

Project: West Jordan Pit
Material: Recycled State Spec. Roadbase

<u>Sieve</u>	<u>% Passing</u>	<u>UDOT Specification</u>
1.5"	100	100
1.0"	98	90-100
3/4"	85	70-85
1/2"	73	65-80
3/8"	65	55-75
#4	49	40-65
#16	34	25-40
#200	11.0	7-11

Sincerely,



Susan Arnold

LABORATORY COMPACTION
CHARACTERISTICS OF SOIL

April 24, 2020

Test Method: AASHTO T-180

Customer: Asphalt Materials

Project: Aggregate QC

Item:

Lab No.: 830693

Project No.: 6551

Date Tested: April 22, 2020

Location: Stockpile

Source: West Jordan

Description of Material: Recycled State Spec Roadbase

Compaction Method: D

Oversize Rock Correction: Y

Specific Gravity: 2.235

Specific Gravity Determination: Assumed

Gradation Lab No.: 830328

Sieve Analysis:

Sieve	% Retained
+3/4"	11.0
3/8"	23.7
#4	16.5
-#4	48.8
Total:	100.0

Rock Corrected Proctor Test Results

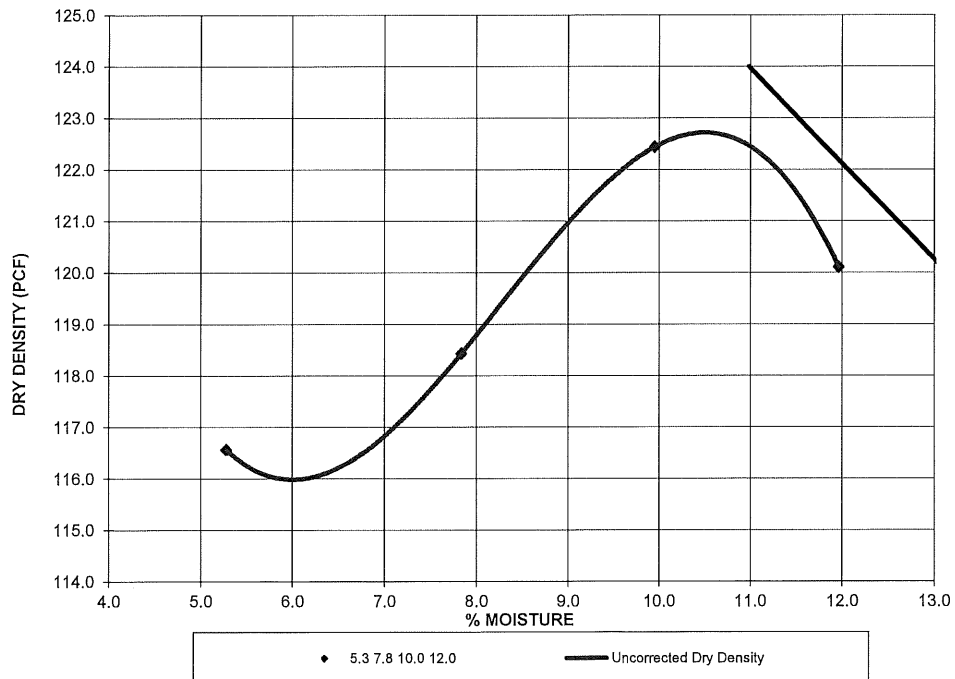
Maximum Dry Density: 124.3

Optimum Moisture: 9.5

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: 1.5" State Spec Recycled Roadbase
Date: 4-24-2020

Summary of Test Results

Moisture Density AASHTO T-180

Lab # 830693

Maximum Density	=	124.3 pcf	
Optimum Moisture	=	9.5%	

Los Angeles Abrasion AASHTO T-96

Lab # 832820

% Wear	=	32.6%	50% Max.
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Bulk Density and Voids in Aggregates AASHTO T-19

Lab # 832825

Density of aggregate	=	105.7 pcf	> 75 pcf
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Fracture Face in Coarse Aggregate AASHTO T-335

Lab # 832826

Two or More	=	95.5%	50% Min.
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Liquid Limit, Plastic Index AASHTO T-89 / T-90

Lab # 832815

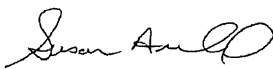
Plastic Index	=	Non-Plastic	Non-Plastic
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California Bearing Ratio AASHTO T-193

Lab # 832820

Surcharge	=	10 lbs.	
CBR Value @ 0.1"	=	108.0%	
CBR Value @ 0.2"	=	146.0%	70% min

Sincerely,



Susan Arnold