

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: 5/25/2018



Density	Optimum Moisture
127.3	7.7%

May 25, 2018

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"	80	65-80
3/8"	75	55-75
#4	56	40-65
#16	31	25-40
#200	11	7-11

Sincerely,



Susan Arnold
Lab Manager

May 13, 2018
Asphalt Materials
PO Box 5
West Jordan, Utah 84084

Project: Asphalt Materials Testing (#5648)
Source: AMI West Jordan
Material: Recycled Commercial Roadbase
Date: 04/27/2018

Summary of Test Results

Moisture Density AASHTO T-180

Lab # 680452

Maximum Density	=	127.3 pcf	
Optimum Moisture	=	7.7%	

Los Angeles Abrasion AASHTO T-96

Lab # 6682607

% Wear	=	39.4%	50% Max.
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Sand Equivalent AASHTO T-176

Lab #: 682613

Average Equivalent	=	43	35 Min
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Bulk Density and Voids in Aggregates AASHTO T-19

Lab # 681133

Density of aggregate	=	107.0 pcf	> 75 pcf
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Fracture Face in Coarse Aggregate AASHTO T-335

Lab # 682838

Two or More	=	96.4%	50% Min.
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Liquid Limit, Plastic Index AASHTO T-89 / T-90

Lab # 681648

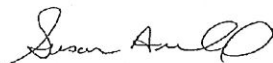
Plastic Index	=	Non-Plastic	Non-Plastic
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California Bearing Ratio AASHTO T-193

Lab # 680452

Surcharge = 10 lbs			
CBR Value @ 0.1"	=	72 %	
CBR Value @ 0.2"	=	81 %	70% min

Sincerely,



Susan Arnold

June 4, 2018

Asphalt Materials
PO Box 5
West Jordan UT 84084

LABORATORY COMPACTION
CHARACTERISTICS OF SOIL
Test Method: AASHTO T-180

Customer: Asphalt Materials

Project: Lab Services

Item:

Lab No.: 680452

Project No.: 5648

Date Tested: April 27, 2018

Location: Not Specified

Source: AMI West Jordan Pit

Description of Material: Recycled Commercial Roadbase

Compaction Method: D

Rock Corrected Proctor Test Results

Oversize Rock Correction: N

Maximum Dry Density: 127.3

Optimum Moisture: 7.7

Specific Gravity:

Specific Gravity Determination:

Gradation Lab No.:

Sieve Analysis:

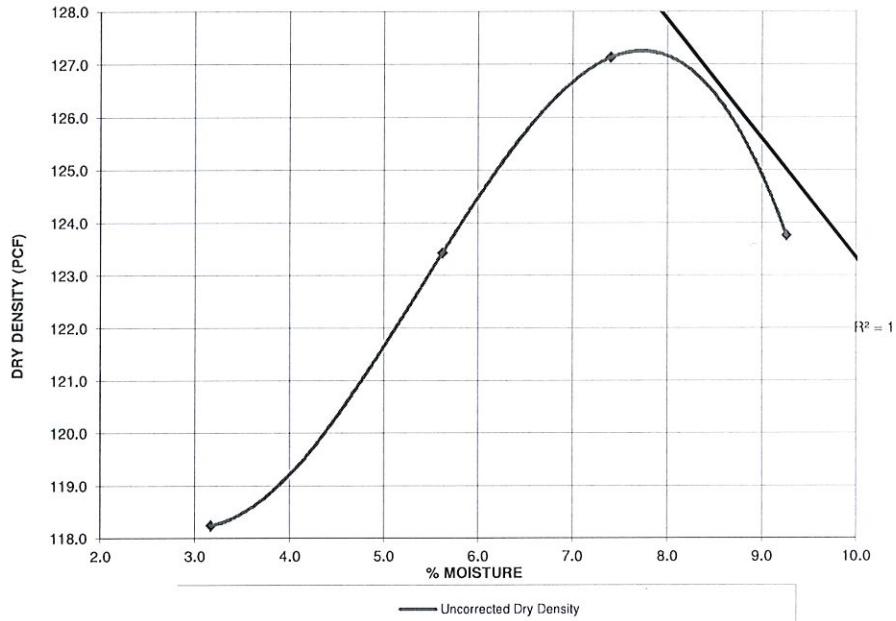
Sieve	% Retained
+3/4	0.0
-3/4	

Method of Sample Preparation Used: Dry

Type of Compaction Rammer Used: Automatic

Type of Rammer Face: Sector Face

Total: 0.0



Sue Arnold

Sue Arnold - Laboratory Manager

Tested By: E. Vejar

CMT Technician