



GEOTECHNICAL & MATERIALS
ENGINEERING, TESTING & INSPECTION

P.O. BOX 15732 • TAMPA, FLORIDA 33684 • 813/872-7821 CA No. 1450

PROJECT: FDOT Product Check
53rd St. Yard

CLIENT: Transcor Recycling LLC

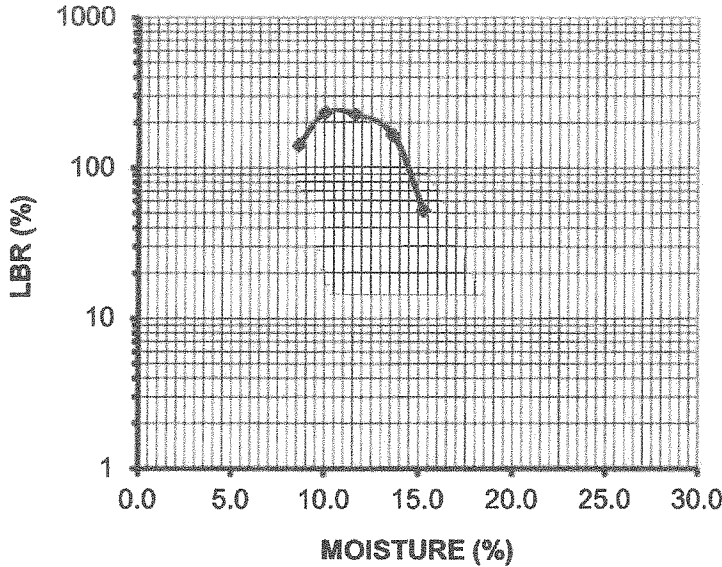
LIMEROCK BEARING RATIO TEST

TEST METHOD: FDOT FM 5-515

PROJECT NO: TL-8047-A

DATE: April 1, 2022

LAB NO: B-13098



LBR TEST NO: 81

COMPACTION TEST NO.: 81

MAXIMUM LBR VALUE (%): 236

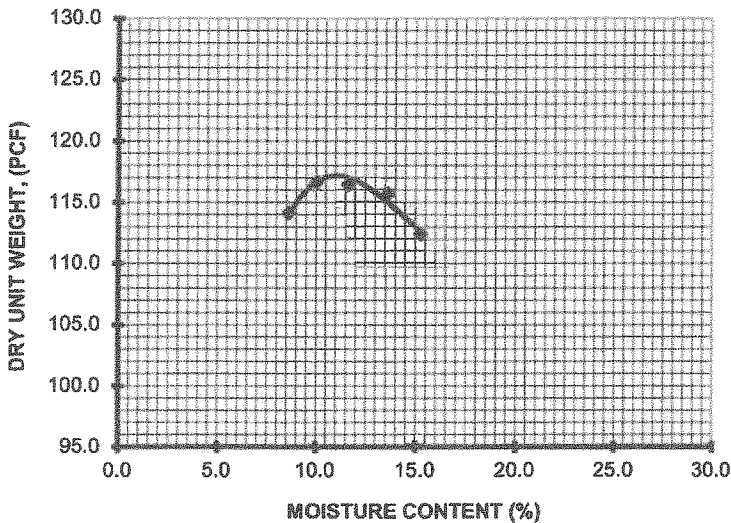
MAXIMUM DRY DENSITY (PCF): 116.9

OPTIMUM MOISTURE (%): 10.8

DATE RECEIVED: 03/09/22

DATE TESTED: 03/16/22

LOCATION SAMPLED: Stockpile - North Side



SOIL DESCRIPTION: Crushed Concrete

TYPE OF MATERIAL: Base

SOAKING TIME (HRS): 48±4

SOAKING SURCHARGE (LBS): 2.5

TESTING SURCHARGE (LBS): 0

REMARKS: FDOT Sample No. 221001

MAC No. 2200919151

Connie A. Johnson
CONNIE A. JOHNSON-GEARHART
 LICENSE
 No. 69013
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 Florida License No. 69013

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TL-8047-A Comp.81.Lbr.81.Lab.B-13098.xls



SIEVE ANALYSIS

GEOTECHNICAL & MATERIALS
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PROJECT: Product Check
53rd St. Yard
CLIENT: Transcor Recycling LLC

PROJECT NO: TL-8047-A
DATE: 4/1/2022
LAB NO.: B-13098

SAMPLE LOCATION: Stockpile – North Side

SAMPLE DESCRIPTION: Crushed Concrete

<u>Sieve Number</u>	<u>Percent Passing</u>	<u>Material Type B-12 FDOT Specifications</u>
2"	100	100
1 1/2"	100	---
1"	96	---
3/4"	88	65-95
1/2"	77	---
3/8"	70	40-85
1/4"	59	---
No. 4	54	25-65
No.10	41	20-50
No. 30	26	---
No. 50	18	5-30
No. 100	10	---
No. 200	4.3	0-10

WASH 200: 6.1%

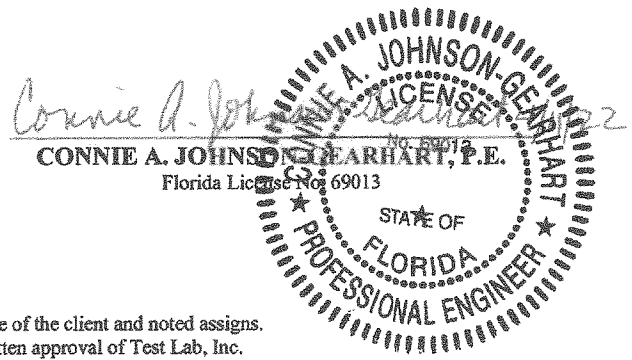
ATTERBERG LIMITS: LL: NP PL: NP PI: NP

DELETERIOUS MATERIAL: Wood: 0.02% Bricks: 0.09% Bitumen: 0.67% Metal: 0.00%

FDOT SAMPLE NO. : 221001 MAC No. : 2200919151

DATE SAMPLED: 3/9/21

DATE TESTED: 3/16/21





SIEVE ANALYSIS

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PROJECT: Product Check
53rd St. Yard
CLIENT: Transcor Recycling LLC

PROJECT NO: TL-8047-A
DATE: 4/1/2022
LAB NO.: B-13099

SAMPLE LOCATION: Stockpile – South Side

SAMPLE DESCRIPTION: Crushed Concrete

<u>Sieve Number</u>	<u>Percent Passing</u>	<u>Material Type B-12 FDOT Specifications</u>
2"	100	100
1 1/2"	100	---
1"	98	---
3/4"	91	65-95
1/2"	80	---
3/8"	73	40-85
1/4"	62	---
No. 4	57	25-65
No.10	43	20-50
No. 30	28	---
No. 50	19	5-30
No. 100	10	---
No. 200	4.3	0-10

WASH 200: 6.1%

ATTERBERG LIMITS: LL: NP PL: NP PI: NP

DELETERIOUS MATERIAL: Wood: 0.00% Bricks: 0.20% Bitumen: 0.60% Metal: 0.00%

FDOT SAMPLE NO. : 221002 MAC No. : 2200919158

DATE SAMPLED: 3/9/21

DATE TESTED: 3/16/21

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 3/22