



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

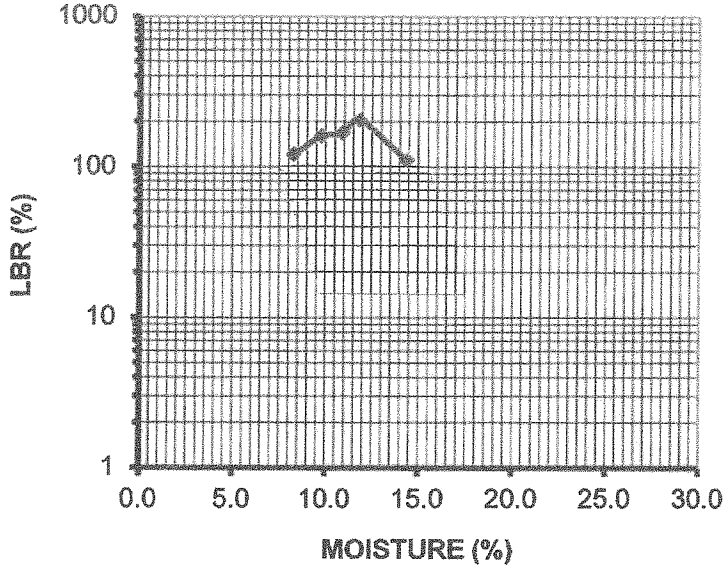
LIMEROCK BEARING RATIO TEST

TEST METHOD: FDOT FM 5-515

PROJECT NO: 1610.23.2

DATE: January 4, 2024

LAB NO: B-14442



LBR TEST NO: 1

COMPACTION TEST NO.: 1

MAXIMUM LBR VALUE (%): 204

MAXIMUM DRY DENSITY (PCF): 117.3

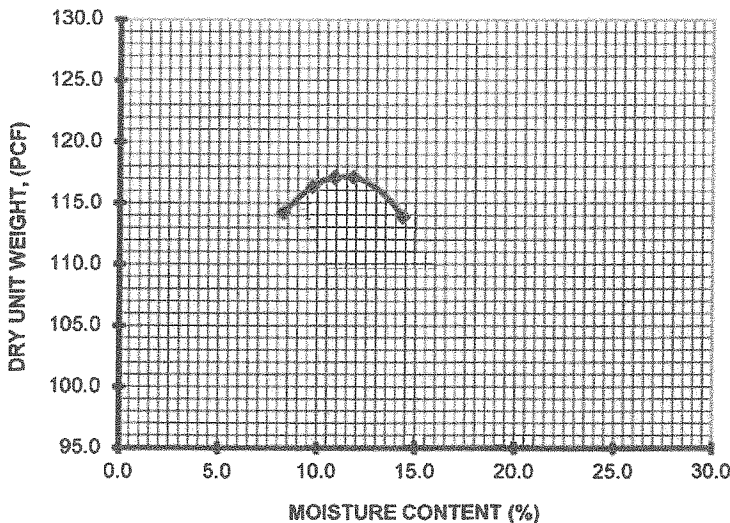
OPTIMUM MOISTURE (%): 11.4

DATE RECEIVED: 12/12/23

DATE TESTED: 12/20/23

LOCATION SAMPLED: Stockpile - 53rd Yard

SOIL DESCRIPTION: Crushed Concrete



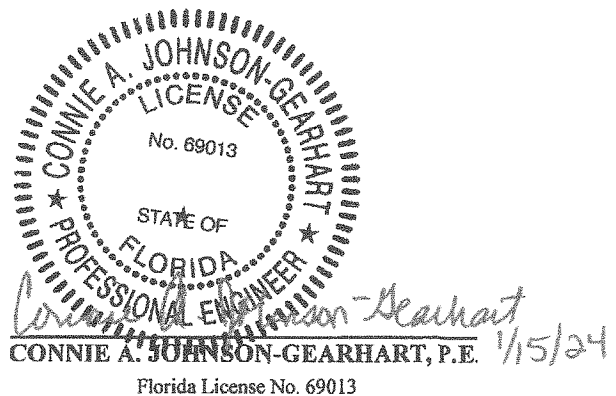
TYPE OF MATERIAL: Base

SOAKING TIME (HRS): 48±4

SOAKING SURCHARGE (LBS): 2.5

TESTING SURCHARGE (LBS): 0

REMARKS: FDOT Sample No. 235001
MAC No. 2301301690



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1610.23.2 Comp.87.Lbr.87.Lab.B-14442



SIEVE ANALYSIS

GEOTECHNICAL & MATERIALS
ENGINEERING, TESTING & INSPECTION
P.O. BOX 15732 • TAMPA, FLORIDA 33684 • 813/672-7821 CA No.1450

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

PROJECT NO: 1610.23.2
DATE: 1/4/2024
LAB NO.: B-14442

SAMPLE LOCATION: Stockpile (N. 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" | 75 | --- |
| 3/8" | 67 | 40-85 |
| 1/4" | 55 | --- |
| No. 4 | 49 | 25-65 |
| No.10 | 38 | 20-50 |
| No. 30 | 27 | --- |
| No. 50 | 19 | 5-30 |
| No. 100 | 8 | --- |
| No. 200 | 2.4 | 0-10 |

WASH 200: 2.2%
ATTERBERG LIMITS: LL: NP PL: NP PI: NP
DELETERIOUS MATERIAL: Wood: 0.1% Bricks: 0.0% Bitumen: 0.3% Metal: 0.0% Ceramics: 0.0%
FDOT SAMPLE NO. : 235001 MAC No. : 2301301690
DATE SAMPLED: 12/11/2023
DATE TESTED: 12/23/2023

Connie A. Johnson-Gearhart
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PROFESSIONAL ENGINEER



SIEVE ANALYSIS

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

PROJECT NO: 1610.23.2
DATE: 1/4/2024
LAB NO.: B-14443

SAMPLE LOCATION: Stockpile (S. 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" | 95 | --- |
| 3/4" | 84 | 65-95 |
| 1/2" | 68 | --- |
| 3/8" | 60 | 40-85 |
| 1/4" | 49 | --- |
| No. 4 | 43 | 25-65 |
| No.10 | 31 | 20-50 |
| No. 30 | 21 | --- |
| No. 50 | 14 | 5-30 |
| No. 100 | 6 | --- |
| No. 200 | 2.2 | 0-10 |

WASH 200: 2.0%

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

DELETERIOUS MATERIAL: Wood: 0.0% Bricks: 0.0% Bitumen: 0.3% Metal: 0.0% Ceramics: 0.2%

FDOT SAMPLE NO. : 235002 MAC No. : 2301301702

DATE SAMPLED: 12/11/2023

DATE TESTED: 12/23/2023

