



SIEVE ANALYSIS

GEOTECHNICAL & MATERIALS
ENGINEERING, TESTING & INSPECTION
P.O. BOX 15732 • TAMPA, FLORIDA 33684 • 813/872-7821 CA No.1450

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

PROJECT NO: TL-8047-A
DATE: 3/1/2023
LAB NO.: B-13564

SAMPLE LOCATION: Stockpile (S. Side)
SAMPLE DESCRIPTION: Crushed Concrete

| Sieve Number | Percent Passing | Material Type B-12 FDOT Specifications |
|--------------|-----------------|---|
| 2" | 100 | 100 |
| 1 1/2" | 100 | --- |
| 1" | 99 | --- |
| 3/4" | 93 | 65-95 |
| 1/2" | 82 | --- |
| 3/8" | 75 | 40-85 |
| 1/4" | 64 | --- |
| No. 4 | 58 | 25-65 |
| No.10 | 44 | 20-50 |
| No. 30 | 29 | --- |
| No. 50 | 21 | 5-30 |
| No. 100 | 10 | --- |
| No. 200 | 3.4 | 0-10 |

WASH 200: 5.4%

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

DELETERIOUS MATERIAL: Wood: 0.0% Bricks: 0.1% Bitumen: 0.8% Metal: 0.0% Ceramics: 0.2%

FDOT SAMPLE NO. : 230401 MAC No. : 2301073182

DATE SAMPLED: 1/27/2023

DATE TESTED: 2/10/2023

Connie A. Johnson-Gearhart

 CONNIE A. JOHNSON-GEARHART, P.E.
 Florida License No. 59033

PROJECT: FDOT Product Check
 53rd St. Yard

CLIENT: Transcor Recycling LLC

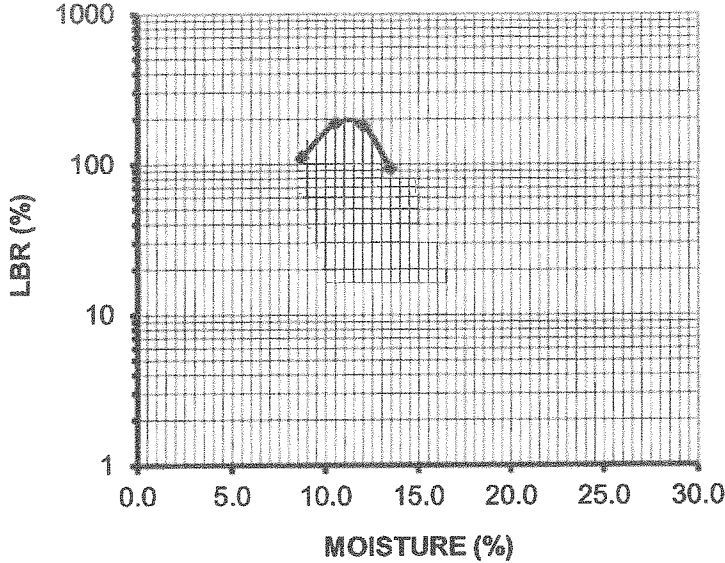
LIMEROCK BEARING RATIO TEST

TEST METHOD: FDOT FM 5-515

PROJECT NO: TL-8047-A

DATE: March 1, 2023

LAB NO: B-13564



LBR TEST NO: 85

COMPACTION TEST NO.: 85

MAXIMUM LBR VALUE (%): 193

MAXIMUM DRY DENSITY (PCF): 116.4

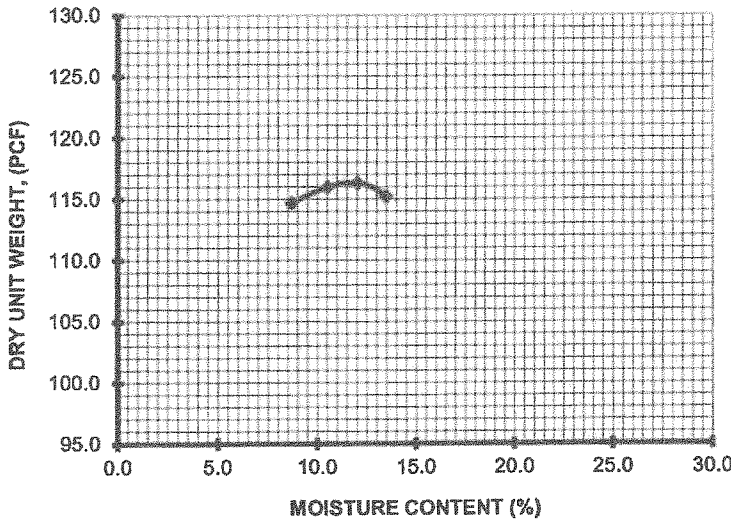
OPTIMUM MOISTURE (%): 11.6

DATE RECEIVED: 01/27/23

DATE TESTED: 02/08/23

LOCATION SAMPLED: Stockpile (S. Side)

SOIL DESCRIPTION: Crushed Concrete



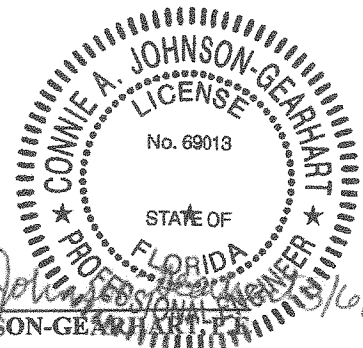
TYPE OF MATERIAL: Base

SOAKING TIME (HRS): 48±4

SOAKING SURCHARGE (LBS): 2.5

TESTING SURCHARGE (LBS): 0

REMARKS: FDOT Sample No. 230401
 MAC No. 2301073182



Connie A. Johnson-Gearhart
 CONNIE A. JOHNSON-GEARHART
 Florida License No. 69013

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

PROJECT NO: TL-8047-A
DATE: 3/1/2023
LAB NO.: B-13565

SAMPLE LOCATION: Stockpile – (North Side)
SAMPLE DESCRIPTION: Crushed Concrete

| Sieve Number | Percent Passing | Material Type B-12 FDOT Specifications |
|--------------|-----------------|---|
| 2" | 100 | 100 |
| 1 1/2" | 100 | --- |
| 1" | 98 | --- |
| 3/4" | 92 | 65-95 |
| 1/2" | 82 | --- |
| 3/8" | 74 | 40-85 |
| 1/4" | 62 | --- |
| No. 4 | 56 | 25-65 |
| No.10 | 43 | 20-50 |
| No. 30 | 29 | --- |
| No. 50 | 21 | 5-30 |
| No. 100 | 10 | --- |
| No. 200 | 3.5 | 0-10 |

WASH 200: 5.0%

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

DELETERIOUS MATERIAL: Wood: 0.0% Bricks: 0.1% Bitumen: 0.9% Metal: 0.0% Ceramics: 0.2%

FDOT SAMPLE NO. : 230402 MAC No. : 2301073186

DATE SAMPLED: 1/27/2023

DATE TESTED: 2/10/2023

