



SIEVE ANALYSIS

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

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

PROJECT NO: TL-8047-A
DATE: 5/26/2021
LAB NO.: B-12812

SAMPLE LOCATION: Stockpile – East 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"	94	---
3/4"	83	65-95
1/2"	71	---
3/8"	64	40-85
No. 4	48	25-65
No.10	34	20-50
No. 30	20	---
No. 50	15	5-30
No. 100	9	---
No. 200	4.6	0-10

WASH 200: 6.2%

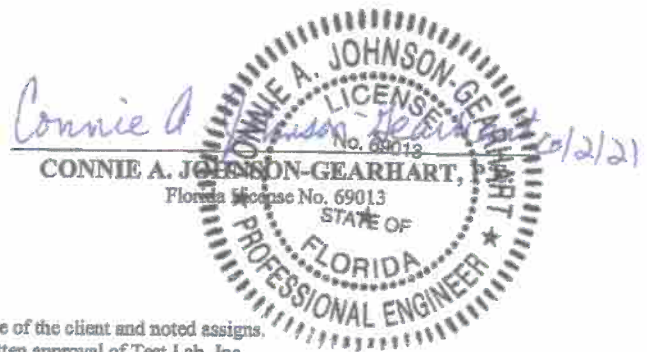
ATTERBERG LIMITS: LL: NP PL: NP PI: NP

DELETERIOUS MATERIAL: Wood: 0.01% Bricks: 0.00% Bitumen: 0.20% Metal: 0.00%

FDOT SAMPLE NO. : 211902 MAC No. : 2100796403

DATE SAMPLED: 5/13/21

DATE TESTED: 5/21/21





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

PROJECT NO: TL-8047-A
DATE: 5/26/2021
LAB NO.: B-12811

SAMPLE LOCATION: Stockpile – West Side

SAMPLE DESCRIPTION: Crushed Concrete

<u>Sieve Number</u>	<u>Percent Passing</u>	<u>Material Type B-12 FDOT Specifications</u>
2"	100	100
1½"	100	---
1"	96	---
¾"	87	65-95
½"	70	---
⅜"	60	40-85
¼"	47	---
No. 4	41	25-65
No.10	27	20-50
No. 30	15	---
No. 50	11	5-30
No. 100	7	---
No. 200	4.3	0-10

WASH 200: 5.2%

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

DELETERIOUS MATERIAL: Wood: 0.02% Bricks: 0.00% Bitumen: 0.10% Metal: 0.00%

FDOT SAMPLE NO. : 211901 MAC No. : 2100796334

DATE SAMPLED: 5/13/21

DATE TESTED: 5/21/21

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



GEOTECHNICAL & MATERIALS
ENGINEERING, TESTING & INSPECTION

P.O. BOX 15732 • TAMPA, FLORIDA 33684 • 813/872-7821 CA No. 1480

PROJECT: FDOT Product Check
53rd St. Yard

CLIENT: Transcor Recycling LLC

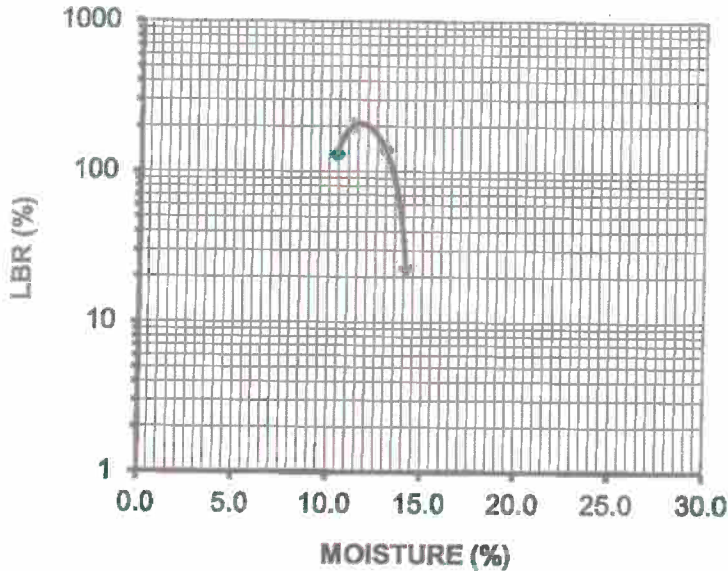
LIMEROCK BEARING RATIO TEST

TEST METHOD: FDOT FM 5-515

PROJECT NO: TL-8047-A

DATE: May 26, 2021

LAB NO: B-12811



LBR TEST NO: 78

COMPACTION TEST NO.: 78

MAXIMUM LBR VALUE (%): 203

MAXIMUM DRY DENSITY (PCF): 121.1

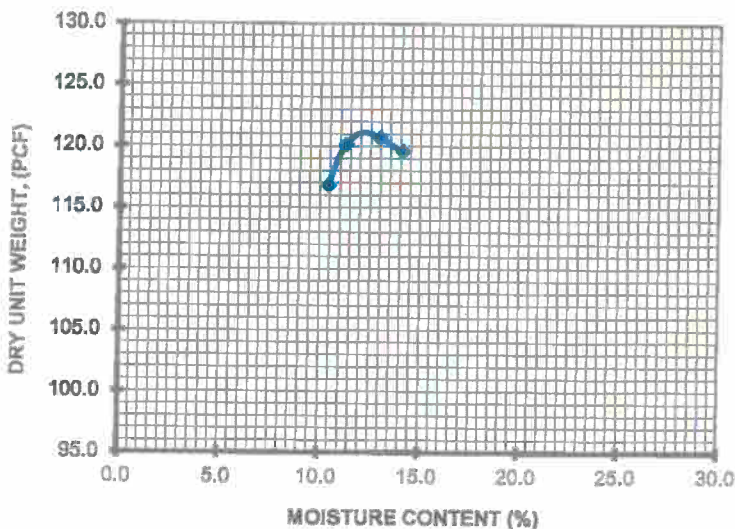
OPTIMUM MOISTURE (%): 12.1

DATE RECEIVED: 05/13/21

DATE TESTED: 05/21/21

LOCATION SAMPLED: Stockpile - West Side

SOIL DESCRIPTION: Crushed Concrete



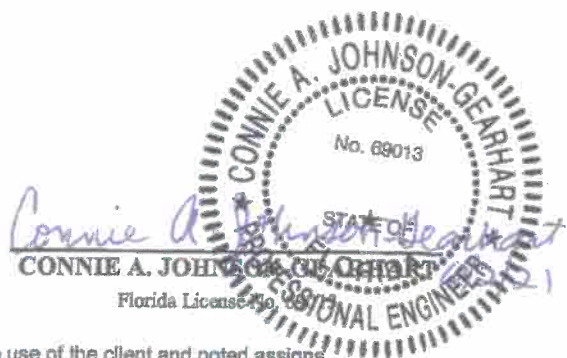
TYPE OF MATERIAL: Base

SOAKING TIME (HRS): 48±4

SOAKING SURCHARGE (LBS): 2.5

TESTING SURCHARGE (LBS): 0

REMARKS: FDOT Sample No. 211901
MAC No. 2100796334



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TL-8047-A Comp.78.Lbr.78.Lab.B-12811