

Report On: Moisture-Density Inspection

Lab No: 12282-1

Project No: WARNELL PIT

Report No: 000001

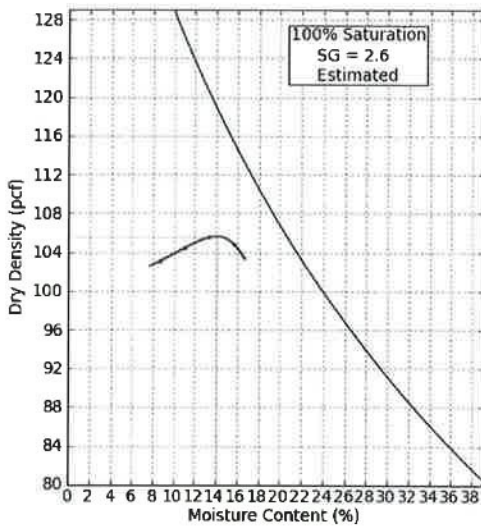
Page 1 of 2

Client: LANYARD DEVELOPMENT INC.
Sample Location: Pit Sample #1

Project: WARNELL PIT

Granular Sand

Report Date: 06/27/23
Inspected Date: 06/15/2023
Inspected By: Yarbrough, Jeremy



<u>% Moisture</u>	<u>Dry Density Lbs./Cu.Ft.</u>
8.7	103.1
11.0	104.4
13.3	105.5
15.7	104.8

14.1 Optimum 105.6 Maximum

Tested By: Jeremy Yarbrough

Color: Tan-Orange

<u>Sieve</u>	<u>% Passing</u>
No. 4	99.7
No. 10	95.2
No. 20	69.5
No. 40	24.2
No. 60	5.9
No. 140	3.1
No. 200	2.4

Description: Fine Sand

Liquid Limit: NP
Plastic Limit: NP
Plasticity Index: NP
Group Symbol: SP
AASHTO: A-1-b

Desc of Rammer: Manual
Preparation Method: Dry

Date Received: 06/15/2023

Date Tested: 06/20/2023

Test Method (As Applicable): ASTM D698

Orig: LANYARD DEVELOPMENT INC. Attn: CHRIS WATERS (1-ec copy)
1-cc Laboratory

Respectfully Submitted,

Joseph Michael Whitaker Project Manager

Joseph F. Whitaker, P.E.

Report On: Moisture-Density Inspection

Lab No: 12282-1
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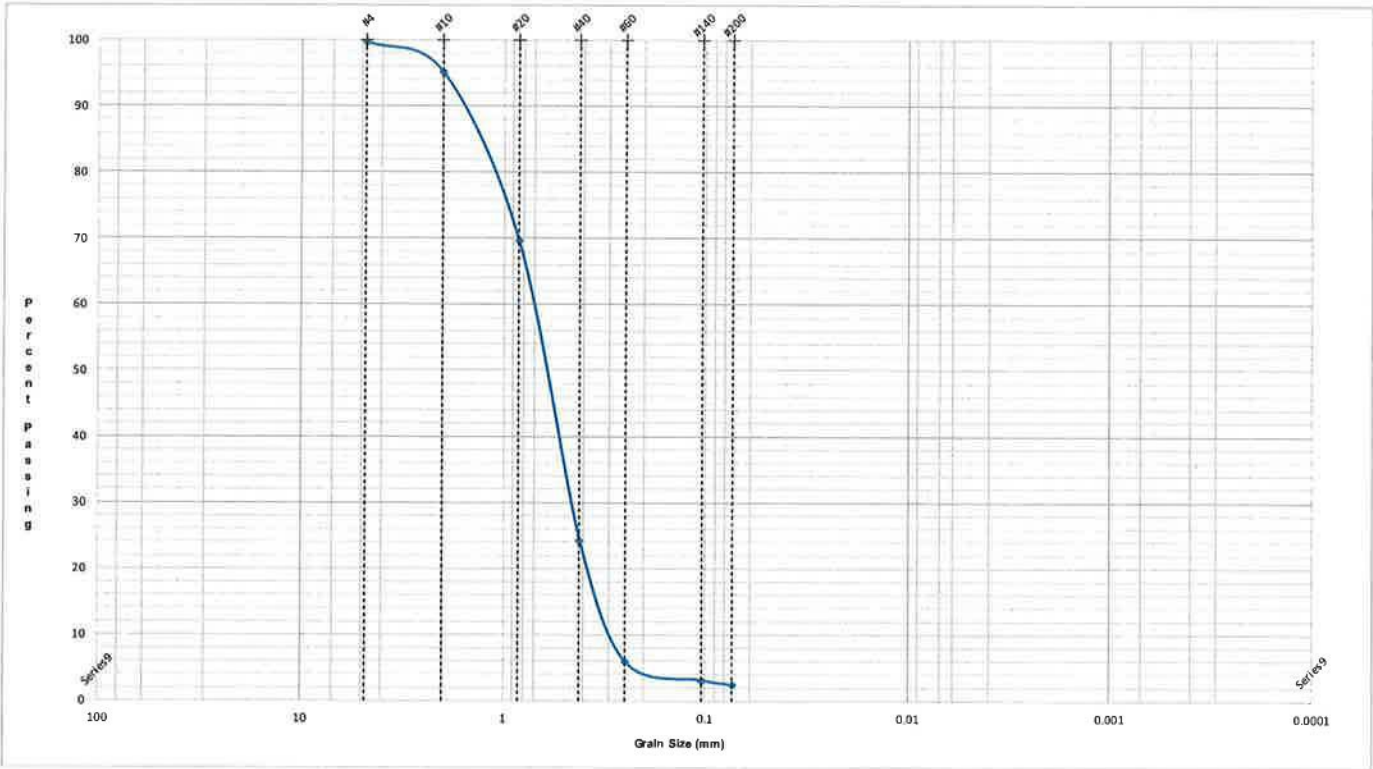
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Sample Location: Pit Sample #1

Granular Sand

Report Date: 06/27/23
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Orig: LANYARD DEVELOPMENT INC. Attn: CHRIS WATERS (1-ec copy)
 1-cc Laboratory

Respectfully Submitted,

Joseph Michael Whitaker
 Joseph Michael Whitaker Project Manager

Joseph F. Whitaker
 Joseph F. Whitaker, P.E.

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.

Report On: Moisture-Density Inspection

Lab No: 12282-2

Project No: WARNELL PIT

Report No: 000002

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Client: LANYARD DEVELOPMENT INC.

Project: WARNELL PIT

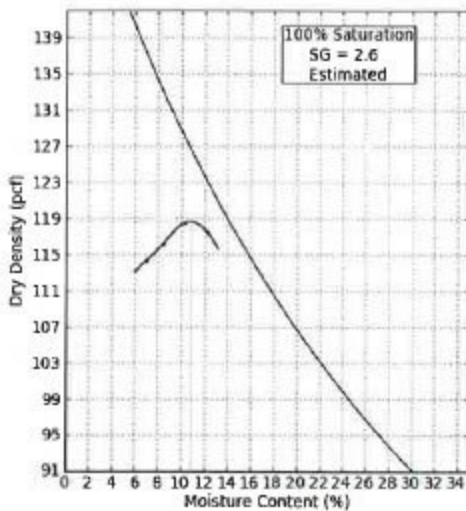
Sample Location: Sample #2

Structural Fill

Report Date: 06/27/23

Inspected Date: 06/15/2023

Inspected By: Yarbrough, Jeremy



% Moisture

Dry Density Lbs./Cu.Ft.

7.0

114.3

8.5

116.2

10.3

118.5

12.2

117.5

10.8 Optimum

118.6 Maximum

Tested By: Jeremy Yarbrough

Color: Brown-Orange

Sieve % Passing

Description: Fine Silty Sand

No. 4 99.5

No. 10 96.8

No. 20 83.8

No. 40 54.4

No. 60 31.6

No. 140 19.2

No. 200 14.7

Texture:

Liquid Limit: NP

Plastic Limit: NP

Plasticity Index: NP

Group Symbol: SM

AASHTO: A-2-4

Date Received: 06/15/2023

Date Tested: 06/20/2023

Desc of Rammer: Manual

Preparation Method: Dry

Test Method (As Applicable): ASTM D696

Orig: LANYARD DEVELOPMENT INC. Attn: CHRIS WATERS (1-ec copy)
1-cc Laboratory

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Joseph Michael Whitaker Project Manager

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Joseph F. Whitaker, P.E.

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Sample Location: Sample #2

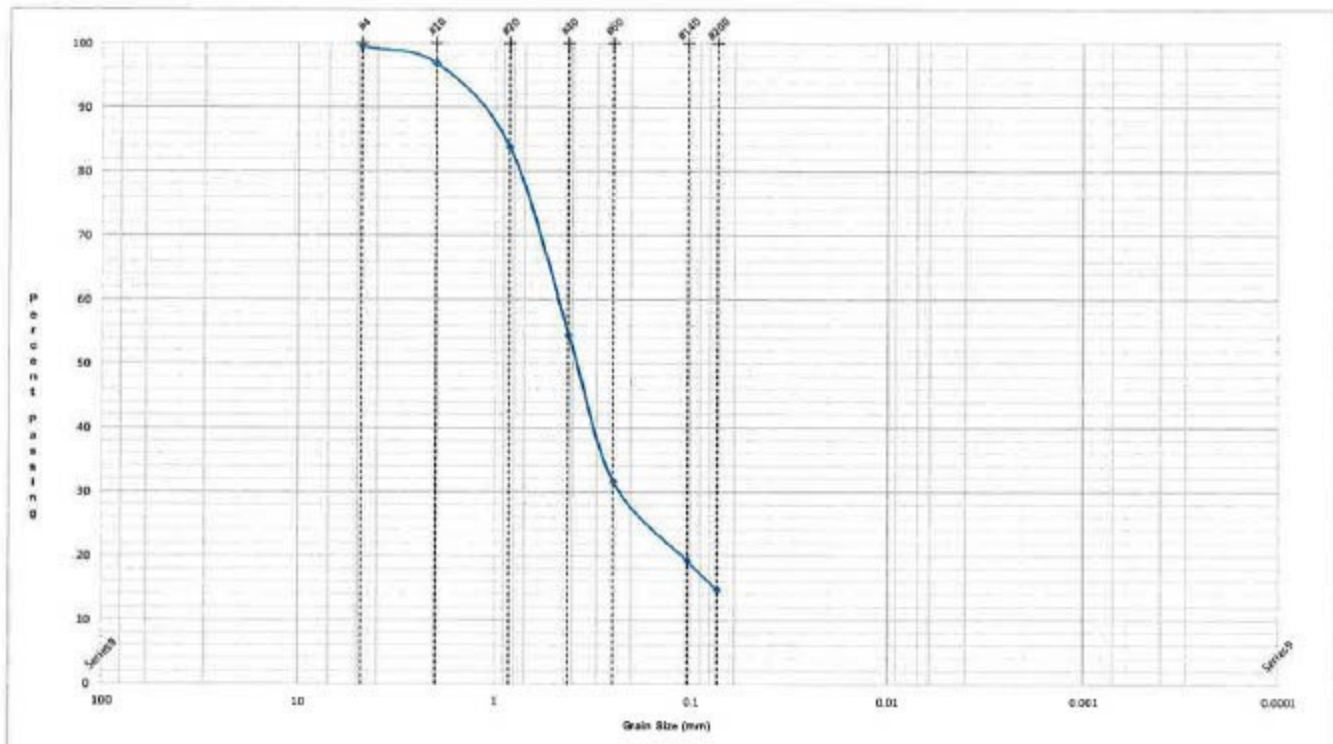
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