2500 Tremont Road
Savannah, GA 31405
(912) 234-0696

Report On: **Proctor Base Laboratory Compaction Test**

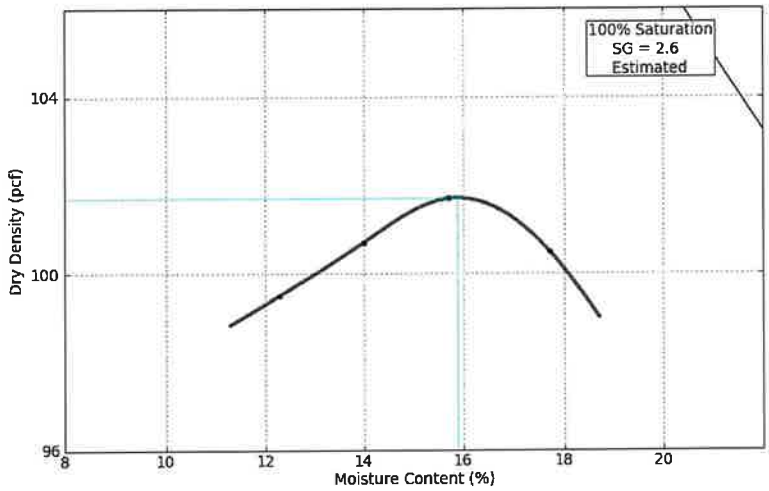
Lab No: **29504-1**
Report No: 000002

Project No: GRADATION SMPLS

Client: LANYARD DEVELOPMENT INC.
Sample Location: Redgate

Project: GRADATION SAMPLES

Report Date: 08/08/25
Inspected Date: 07/27/2025
Inspected By: Yarbrough, Jeremy



• - Uncorrected

Elev/ Depth	Classification		Received Moist.	Bulk Sp.G.	Oversize Sp.G.	Atterberg Limits			% > #4
	USCS	AASHTO				LL	PL	PI	
--	SP	A-3	--			NP	NP	NP	

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density (pcf) = 101.7 Optimum moisture (%) = 15.9	Tan Fine Slightly Silty Sand
Source of Sample: **Sp.G.:** **Prep Method:** **Rammer:**	

Remarks:
Test Method: ASTM D-698

Orig: LANYARD DEVELOPMENT INC. Attn: AUSTIN WARREN (1-ec copy)
1-cc Laboratory

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 CREATED BY ElmTree SYSTEM

2500 Tremont Road
Savannah, GA 31405
(912) 234-0696

Report On: **Proctor Base Laboratory Compaction Test**

Lab No: **29504-1**
Report No: 000002

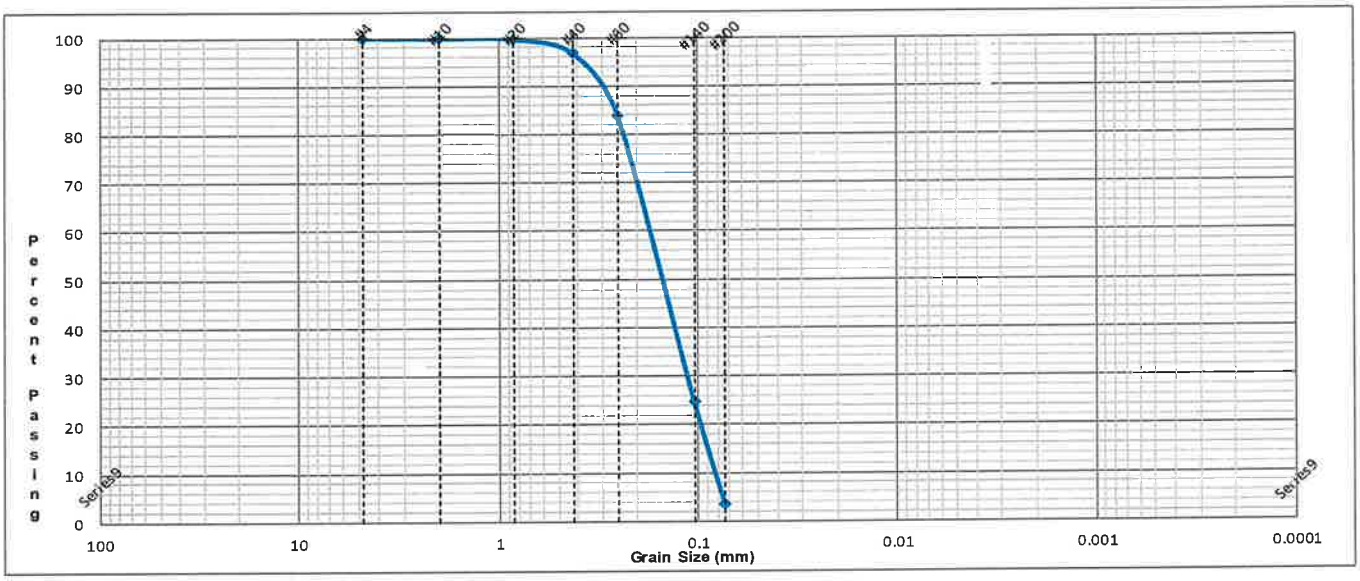
Project No: GRADATION SMPLS

Client: LANYARD DEVELOPMENT INC.
Sample Location: Redgate

Project: GRADATION SAMPLES

Report Date: 08/08/25
Inspected Date: 07/27/2025
Inspected By: Yarbrough, Jeremy

LABORATORY COMPACTION TEST REPORT



Orig: LANYARD DEVELOPMENT INC. Attn: AUSTIN WARREN (1-ec copy)
1-cc Laboratory

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 CREATED BY ElmTree SYSTEM

WHITAKER LAB & ENGINEERING

2500 Tremont Road
Savannah, GA 31405
(912) 234-0696

Report On: **Proctor Base Laboratory Compaction Test**

Lab No: **29504-1**
Report No: 000002

Project No: GRADATION SMPLS

Client: LANYARD DEVELOPMENT INC.
Sample Location: Redgate

Project: GRADATION SAMPLES

Report Date: 08/08/25
Inspected Date: 07/27/2025
Inspected By: Yarbrough, Jeremy

% +3"	% Gravel			% Sand		
	Coarse	Medium	Fine	Coarse	Medium	Fine
--	--	--	--	--	3	93

% Fines: 4

SIEVE SIZE	PERCENT FINER	SPEC.* LOW	SPEC.* HIGH	OUT OF SPEC. (X)
No. 4	100.0			
No. 10	99.9			
No. 20	99.7			
No. 40	96.7			
No. 60	83.9			
No. 140	24.6			
No. 200	3.6			

* (no specification provided)

Soil Description

Tan
Fine Slightly Silty Sand

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85} = 0.2599 D_{60} = 0.1750 D_{50} = 0.1511
D_{30} = 0.1126 D_{15} = 0.0888 D_{10} = 0.0818
C_u = 2.1399 C_c = 0.8861

Classification

USCS= SP AASHTO= A-3

Orig: LANYARD DEVELOPMENT INC. Attn: AUSTIN WARREN (1-ec copy)
1-cc Laboratory

Respectfully Submitted,

Joseph Michael Whitaker Project Manager

Joseph F. Whitaker, P.E.

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) T
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 CREATED BY ElmTree SYSTEM