

Report of Moisture Density Relationship

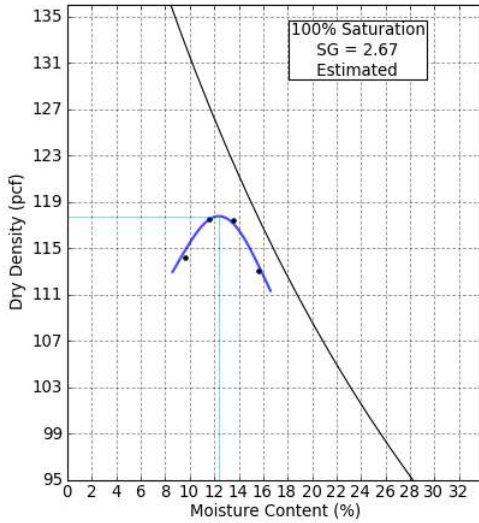
Client: St. Tammany Fire Protection District No. 1
 Chief Chris Kaufmann
 522 Robert Boulevard
 Slidell, LA 70458

Project: Training Classroom #2 - 34780 South Range Road,
 Slidell, LA - Job No. 2507

Prev. Rpt. Date: 07/21/2025 **Revised**
Report Date: 07/22/2025

Work Order Date: 07/18/2025
Work Order No: 55165

Project No: C25-053
Report No: 003



<u>% Moisture</u>	<u>Dry Density, pcf</u>
9.6	114.2
11.6	117.5
13.6	117.4
15.6	113.1
12.4	117.8

Optimum Max Dry, pcf

Sieve **% Passing** **Required**
No. 200 32.0

Description: Red Clayey Sand

Source: Kiln - Sebring Pit

Liquid Limit: 38
 Plastic Limit: 22
 Plasticity Index: 16
 Group Symbol: SC
 AASHTO: A-2-6(1)

Rammer: Manual
Preparation: Dry
Test Method: ASTM D-698 Method-A
Remarks: Sampled by the Contractor.

Technician: Davis Hollingsworth

Respectfully Submitted,
 Stratum Engineering, LLC



Robert Fowler, Senior Project Manager

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1-ec M Natal Contractor, Inc. Attn: Mr. Mike Natal
1-ec St. Tammany Fire Protection District No. 1
Attn: Mr. Jay Gross
1-ec Dammon Engineering Attn: Mr. Chuck Dammon
1-ec St. Tammany Fire Protection District No. 1
Attn: Chief Chad Duffaut
1-ec St. Tammany Fire Protection District No. 1
Attn: Chief Chris Kaufmann
1-cc Laboratory

Technician: Davis Hollingsworth

Respectfully Submitted,
Stratum Engineering, LLC



Robert Fowler, Senior Project Manager