

Date : 09/19/2023
Project No : 2023C180
Client Company : Artisan Communities
Arrival Time : 09/19/2023 09:00
Onsite Hours : 05:00

Daily Field Report

ASEC Report ID : 61820
Name of the Project : Lakeside
Project Location : Calhoun
Weather : Sunny
Departure Time : 09/19/2023 14:00
ASEC Technician Name : Vidal Dias

The undersigned ASEC representative was on-site on September 19, 2023, to visually classify soils in the northwest part of the site, starting from Pad 020 to 016, and to perform compaction testing on Lots #106 to #112.

Soil Description for Northwest Part of the Site (Pad 020 to 016)

The upper 12 inches of soil consisted of a brown Sandy CLAY with organics and roots that ranged in diameter from 2 inches to 36 inches. Images of the area are attached for further clarification.

Engineering Recommendations for Northwest Part of the Site

It is advised that the contractor remove these organic materials before utilizing these soils as structural fill.

Compaction Test Data for Lots 106 to 112

Test Location and Elevation

- Elevation: Approximately 720 feet

Soil Description

- Red Brown Sandy CLAY

Lot #106

Test 1

- Moisture Content: 20.1%
- Dry Density: 94.2 pcf
- Wet Density: 114.3 pcf
- Degree of Compaction: 97.1%

Test 2

- Moisture Content: 21.7%

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-
- Dry Density: 92.5 pcf
 - Wet Density: 112.8 pcf
 - Degree of Compaction: 95.4%

Test 3

- Moisture Content: 22.5%
- Dry Density: 91.7 pcf
- Wet Density: 112.2 pcf
- Degree of Compaction: 94.6%

Test 4

- Moisture Content: 20.8%
- Dry Density: 93.6 pcf
- Wet Density: 113.4 pcf
- Degree of Compaction: 96.6%

Test 5

- Moisture Content: 21.9%
- Dry Density: 92.3 pcf
- Wet Density: 113.2 pcf
- Degree of Compaction: 95.2%

Test 6

- Moisture Content: 22.1%
- Dry Density: 92.8 pcf
- Wet Density: 113.9 pcf
- Degree of Compaction: 95.8%

Test 7

- Moisture Content: 20.5%
- Dry Density: 94.5 pcf
- Wet Density: 114.0 pcf
- Degree of Compaction: 97.4%

Test 8

- Moisture Content: 21.6%

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- Dry Density: 93.2 pcf
- Wet Density: 113.8 pcf
- Degree of Compaction: 96.2%



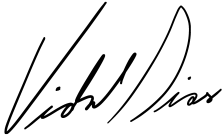
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Vidal Dias
070321636
Project Geologist



Kenneth Mosman

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