

Date : 09/21/2023  
Project No : 2023C180  
Client Company : Artisan Communities  
Arrival Time : 09/21/2023 10:00  
Onsite Hours : 04:00

ASEC Report ID : 61828  
Name of the Project : Lakeside  
Project Location : Calhoun  
Weather : Sunny  
Departure Time : 09/21/2023 14:00  
ASEC Technician Name : Vidal Dias

The undersigned ASEC representative was on-site on September 21, 2023, to perform compaction testing on Lots #105 to #112. A soil sample was also taken to perform a Moisture-Density Relationship (proctor) on what is possibly a different material encountered. The objective was to assess the soil conditions and provide engineering recommendations.

## Compaction Test Data for Lots 105 to 112

### Test Location and Elevation

- Elevation: 732

### Soil Sample

- A soil sample was taken and will be delivered to conduct a Moisture-Density Relationship.

### Test Order and Results

The tests are presented in numerical order; Test 1 corresponds to Lot #105, Test 2 to Lot 106, and so on.

#### Test 1 (Lot #105)

- Moisture Content: 18.2%
- Dry Density: 89.5 pcf
- Wet Density: 106.7 pcf
- Degree of Compaction: 92.4%

#### Test 2 (Lot #106)

- Moisture Content: 19.4%
- Dry Density: 90.2 pcf
- Wet Density: 107.6 pcf
- Degree of Compaction: 93.0%

#### Test 3 (Lot #107)

- Moisture Content: 17.9%
- Dry Density: 88.7 pcf
- Wet Density: 105.6 pcf
- Degree of Compaction: 91.5%

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**Test 4 (Lot #108)**

- Moisture Content: 18.7%
- Dry Density: 89.1 pcf
- Wet Density: 106.8 pcf
- Degree of Compaction: 92.0%

**Test 5 (Lot #109)**

- Moisture Content: 19.1%
- Dry Density: 90.5 pcf
- Wet Density: 108.6 pcf
- Degree of Compaction: 93.4%

**Test 6 (Lot #110)**

- Moisture Content: 18.5%
- Dry Density: 89.7 pcf
- Wet Density: 106.2 pcf
- Degree of Compaction: 92.6%

**Test 7 (Lot #111)**

- Moisture Content: 19.3%
- Dry Density: 89.9 pcf
- Wet Density: 107.2 pcf
- Degree of Compaction: 92.9%

**Test 8 (Lot #112)**

- Moisture Content: 18.9%
- Dry Density: 88.4 pcf
- Wet Density: 105.3 pcf
- Degree of Compaction: 91.2%

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**Vidal Dias**  
070321636  
Project Geologist

**Kenneth Mosman**

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