



UNIVERSAL ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Sciences
Geophysical Services • Construction Materials Testing • Threshold Inspection
Building Inspection • Plan Review • Building Code Administration

UES Project No: A24140.00129.000
Workorder No: 1134745-1
Report Date: 10/20/2025

4475 Southwest 35th Terrace, Gainesville, 32608 • P: 352.372.3392 • F: 352.336.7914

In-Place Density Test Report

Client: Hartley Brothers, Inc.
1325 NW 53rd Avenue Suite D
Gainesville, FL 32609

UES Technician: Saad Alamri
Date Tested: 10/20/2025

Draft

Project: Various Projects - 6510 Rockway, Ft White, FL
6510 Rockway, Ft White, FL - Columbia County, FL 32038

Area Tested: House Pad

Type of Test:

Material: Fill

Field: ASTM D-6938 Nuclear Gauge Metho

Reference Datum: 0 = Top of Fill

Laboratory: ASTM D1557 Modified Proctor

The tests below meet the minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

| Test No. | Location of Test | Range | Maximum Density (pcf) | Optimum Moisture (%) | Field Dry Density (pcf) | Field Moisture (%) | Soil Compaction (%) | Fill Depth (inch) | Pass or Fail |
|----------|------------------|---------|-----------------------|----------------------|-------------------------|--------------------|---------------------|-------------------|--------------|
| 1 | SE Corner of Pad | -1-0 ft | 105.7 | 14.7 | 104.0 | 10.7 | 98 | N/A | Pass |
| 2 | SW Corner of Pad | -1-0 ft | 105.7 | 14.7 | 104.1 | 10.7 | 98 | N/A | Pass |
| 3 | NW Corner of Pad | -1-0 ft | 105.7 | 14.7 | 103.4 | 7.5 | 98 | N/A | Pass |
| 4 | NE Corner of Pad | -1-0 ft | 105.7 | 14.7 | 102.9 | 10.1 | 97 | N/A | Pass |
| 5 | Center of Pad | -1-0 ft | 105.7 | 14.7 | 105.2 | 10.9 | 100 | N/A | Pass |