

## Soil Nuclear Gauge

**Report #:** SNG-000001  
**Report Date:** 10/13/2020  
**Test Method:** ASTM D 6938

**Client:**  
Ajax Building Corporation  
1080 Commerce Blvd.  
Midway, FL 32343

**Project:**  
10117-1020031.000  
Columbia County Detention Facility Materials  
Testing  
  
Jacksonville, Florida

Test Results														
Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
1		10/9/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	6.4	114.7	122.0	12	102	95	DP
2		10/9/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	6.4	115.9	123.3	12	103	95	DP
3		10/9/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	6.4	116.0	123.4	12	103	95	DP
Test Information														
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated		Field Technician		
1	Subgrade Fill: Approximately 86 feet south from Northeast corner of site close to inlet D10						174.3	MSL		Troxler / 3440 / 20185 /		Raymond Easley		
2	Subgrade Fill: Approximately 165 feet south from Northeast corner of site close to inlet D10						174.3	MSL		Troxler / 3440 / 20185 /		Raymond Easley		
3	Subgrade Fill: Approximately 57 feet south from Northeast corner of site close to inlet D10						175.3	MSL		Troxler / 3440 / 20185 /		Raymond Easley		
Remarks					Comments									
DP: Density Pass					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.									

Electronically signed and sealed by William L. Lawrence, P.E., Senior Regional Engineer on Oct 16, 2020 using a Digital Signature.