

## Soil Nuclear Gauge

**Report #:** SNG-000005

**Report Date:** 10/28/2020

**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
21		10/28/20	P-3 MODIFIED	D1557 A	SP-SM	8.3	118.0	7.4	114.8	123.3	12	97	95	DP/MP
22		10/28/20	P-3 MODIFIED	D1557 A	SP-SM	8.3	118.0	8.1	113.7	122.9	12	96	95	DP/MP
Test Information														
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
21	Utility Trench Backfill: Sanitary Sewer: Area between manholes SD-02 and SD-03, approx. 55 feet South of manhole SD-03						177.0	MSL	Troxler / 3440 / 20185 /			Mitch Cantrell		
22	Utility Trench Backfill: Sanitary Sewer: Area between manholes SD-02 and SD-03, approx. 6 feet South of manhole SD-03						177.0	MSL	Troxler / 3440 / 20185 /			Mitch Cantrell		
Remarks					Comments									
DP/MP: Density Pass / Moisture 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 30, 2020 using a Digital Signature.

Should the areas tested be subject to rain, freezing, or other adverse conditions, prior to paving, concreting, etc, NOVA recommends re-evaluation.

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