

Soil Nuclear Gauge

Report #: SNG-000009

Report Date: 11/6/2020

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
26		11/5/20	P-3 MODIFIED	D1557 A	SP-SM	8.3	118.0	6.8	113.7	121.4	12	96	95	DP/MP
27		11/5/20	P-3 MODIFIED	D1557 A	SP-SM	8.3	118.0	7.1	112.4	120.4	12	95	95	DP/MP
28		11/5/20	P-3 MODIFIED	D1557 A	SP-SM	8.3	118.0	7.8	112.2	120.9	12	95	95	DP/MP
29		11/5/20	P-3 MODIFIED	D1557 A	SP-SM	8.3	118.0	8.0	113.1	122.1	12	96	95	DP/MP
Test Information														
Test #	Test Location							Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician	
26	Utility Trench Backfill: Sanitary Sewer: SD-03							174.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell	
27	Utility Trench Backfill: Sanitary Sewer: SD-02							174.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell	
28	Utility Trench Backfill: Sanitary Sewer: SD-02							175.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell	
29	Utility Trench Backfill: Sanitary Sewer: SD-03							175.0	MSL	Troxler / 3430 / 21834 /			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 Nov 06, 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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