

Soil Nuclear Gauge

Report #: SNG-000012

Report Date: 12/1/2020

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
34		11/30/20	P-3 STANDARD	D698 A	SP-SM	9.8	116.7	11.1	116.7	129.7	12	100	95	DP/MP
35		11/30/20	P-3 STANDARD	D698 A	SP-SM	9.8	116.7	11.7	111.5	124.5	12	96	95	DP/MP
36		11/30/20	P-3 STANDARD	D698 A	SP-SM	9.8	116.7	11.2	110.8	123.2	12	95	95	DP/MP
Test Information														
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
34	Utility Trench Backfill: Water Main: Northern waterline at entrance						174.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
35	Utility Trench Backfill: Water Main: Southern waterline at entrance						176.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
36	Utility Trench Backfill: Water Main: Southern waterline at entrance						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 Dec 04, 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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