

Soil Nuclear Gauge

Report #: SNG-000010
Report Date: 11/9/2020
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
30		11/6/20	P-3 MODIFIED	D1557 A	SP-SM	8.3	118.0	8.9	112.1	122.1	12	95	95	DP/MP
31		11/6/20	P-3 MODIFIED	D1557 A	SP-SM	8.3	118.0	7.1	113.8	121.9	12	96	95	DP/MP
Test Information														
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated		Field Technician	
30	Utility Trench Backfill: Sanitary Sewer: SD-02							176.0	MSL		Troxler / 3430 / 21834 /		Mitch Cantrell	
31	Utility Trench Backfill: Sanitary Sewer: SD-03							176.0	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 13, 2020 using a Digital Signature.