

Soil Nuclear Gauge

Report #: SNG-000004
Report Date: 10/21/2020
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
17		10/20/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	9.2	113.1	123.5	12	100	95	DP
18		10/20/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	8.2	112.8	122.1	12	100	95	DP
19		10/20/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.5	112.4	120.8	12	100	95	DP
20		10/20/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.8	113.7	122.6	12	101	95	DP
Test Information														
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
17	Subgrade Fill: Pavement: Southwest area of fire access road, approx. 6 feet North of the detention pond						176.5	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
18	Subgrade Fill: Pavement: South area of fire access road, approx. 13 feet North of the detention pond						176.5	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
19	Subgrade Fill: Pavement: Southeast area of fire access road, approx. 30 feet North of the detention pond (roadway curve)						176.5	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
20	Subgrade Fill: Pavement: East area of fire access road, approx. 70 feet North of the detention pond (roadway curve)						176.5	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
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 23, 2020 using a Digital Signature.