

Soil Nuclear Gauge

Report #: SNG-000003

Report Date: 10/20/2020

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
9		10/19/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	9.2	113.6	124.0	12	101	95	DP
10		10/19/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	9.2	113.2	123.6	12	100	95	DP
11		10/19/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	8.1	113.6	122.8	12	101	95	DP
12		10/19/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	8.6	112.5	122.2	12	100	95	DP
13		10/19/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	9.1	112.8	123.1	12	100	95	DP
14		10/19/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	8.2	112.8	122.1	12	100	95	DP
15		10/19/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	8.1	113.7	122.9	12	101	95	DP
16		10/19/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	9.7	113.7	124.7	12	101	95	DP
Test Information														
Test #	Test Location					Elevation	Reference	Gauge Make / Model / SN / Calibrated				Field Technician		
9	Subgrade Fill: Pavement: West section of fire access road, approx. 10 feet North of the detention pond					174.8	MSL	Troxler / 3430 / 21834 /				Mitch Cantrell		
10	Subgrade Fill: Pavement: Central section of fire access road, approx. 5 feet North of the detention pond					174.8	MSL	Troxler / 3430 / 21834 /				Mitch Cantrell		
11	Subgrade Fill: Pavement: Southeast section of fire access road, approx. 12 feet North of the detention pond (roadway curve)					174.8	MSL	Troxler / 3430 / 21834 /				Mitch Cantrell		
12	Subgrade Fill: Pavement: Southeast section of fire access road, approx. 55 feet North of the detention pond (roadway curve)					174.8	MSL	Troxler / 3430 / 21834 /				Mitch Cantrell		
13	Subgrade Fill: Pavement: Southwest section of fire access road, approx. 10 feet North of the detention pond					175.8	MSL	Troxler / 3430 / 21834 /				Mitch Cantrell		
14	Subgrade Fill: Pavement: South section of fire access road, approx. 5 feet North of the detention pond					175.8	MSL	Troxler / 3430 / 21834 /				Mitch Cantrell		
15	Subgrade Fill: Pavement: Southeast section of fire access road, approx. 12 feet North of the detention pond					175.8	MSL	Troxler / 3430 / 21834 /				Mitch Cantrell		
16	Subgrade Fill: Pavement: East section of fire access road, approx. 55 feet North of the detention pond					175.8	MSL	Troxler / 3430 / 21834 /				Mitch Cantrell		

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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.

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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