

Soil Nuclear Gauge

Report #: SNG-000018
Report Date: 12/10/2020
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
131		12/8/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.8	106.9	115.2	8	95	95	DP
132		12/8/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.8	108.0	116.4	8	96	95	DP
133		12/8/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.9	107.7	116.2	8	95	95	DP
134		12/8/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.0	107.7	115.2	8	95	95	DP
135		12/8/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.8	106.6	114.9	8	95	95	DP
136		12/8/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.8	107.0	115.3	8	95	95	DP
137		12/8/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.0	107.3	114.8	8	95	95	DP
138		12/8/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.5	107.2	115.2	8	95	95	DP
Test Information														
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
131	Structural Fill: Building Pad: Approx. 2/A9						175.1	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
132	Structural Fill: Building Pad: Approx. 2/A18						175.1	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
133	Structural Fill: Building Pad: Approx. 10/A17						175.8	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
134	Structural Fill: Building Pad: Approx. 10/A6						175.8	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
135	Structural Fill: Building Pad: Approx. 6/A8						175.8	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
136	Structural Fill: Building Pad: Approx. 5.5/A15						175.8	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
137	Structural Fill: Building Pad: Approx. 2/A6						175.8	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
138	Structural Fill: Building Pad: Approx. 3/A19						175.8	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 Dec 11, 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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