

Soil Nuclear Gauge

Report #: SNG-000020

Report Date: 12/11/2020

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
151		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	6.7	107.4	114.6	8	95	95	DP
152		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	5.9	109.6	116.1	8	97	95	DP
153		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.8	108.8	117.3	8	96	95	DP
154		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	5.4	108.3	114.1	8	96	95	DP
155		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.4	108.7	116.7	8	96	95	DP
156		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.7	108.9	117.3	8	97	95	DP
157		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.0	110.5	118.2	8	98	95	DP
158		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	5.2	110.1	115.8	8	98	95	DP
Test Information														
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
151	Structural Fill: Building Pad: Approx. 6/A15						177.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
152	Structural Fill: Building Pad: Approx. 4/A10						177.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
153	Structural Fill: Building Pad: Approx. 2/A7						177.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
154	Structural Fill: Building Pad: Approx. 2/A12						177.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
155	Structural Fill: Building Pad: Approx. 3/A19						177.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
156	Structural Fill: Building Pad: Approx. 5/A5						177.0	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
157	Structural Fill: Building Pad: Approx. 10/A6						177.6	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
158	Structural Fill: Building Pad: Approx. 10/A12						177.6	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.										

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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159		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.8	108.8	117.3	8	96	95	DP
160		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	5.8	110.5	116.9	8	98	95	DP
161		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	6.0	109.0	115.5	8	97	95	DP
162		12/10/20	P-1 STANDARD	D698 A	SP-SM	9.8	112.8	7.6	109.7	118.0	8	97	95	DP
Test Information														
Test #	Test Location						Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
159	Structural Fill: Building Pad: Approx. 10/A19						177.6	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
160	Structural Fill: Building Pad: Approx. 6/A20						177.6	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
161	Structural Fill: Building Pad: Approx. 6/A13						177.6	MSL	Troxler / 3430 / 21834 /			Mitch Cantrell		
162	Structural Fill: Building Pad: Approx. 6/A13						177.6	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.

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