



**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)**

**Project: FTW475 Front Gate
Fort Wainwright, AK
Client: Eklutna Construction**

**Project #: 2025-063
Date: September 17, 2025
Area Tested: POV Canopy**

Material / Source:
Screened Pitrun/ Metro 144.7

**Gauge: Instrotek 3500 Ser: # 1019
Operator: Ben Marth**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	8	9	POV Canopy	147.7	6.9	138.2	144.7	95.5%	95%
2	pitrun	8	9	POV Canopy	149.2	7.3	139.0	144.7	96.1%	95%
3	pitrun	8	9	POV Canopy	149.6	8.0	138.5	144.7	95.7%	95%
4	pitrun	8	9	POV Canopy	149.6	7.5	139.2	144.7	96.2%	95%
5	pitrun	8	9	POV Canopy	147.9	6.7	138.6	144.7	95.8%	95%
6	pitrun	8	9	POV Canopy	148.9	8.0	137.9	144.7	95.3%	95%
7	pitrun	8	9	POV Canopy	149.2	6.3	140.4	144.7	97.0%	95%
8	pitrun	8	9	POV Canopy	150.0	7.0	140.2	144.7	96.9%	95%

Approved By: Stefan Mack Stefan Mack PE, Lab Manager