



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

**Project: FTW 405 Range Control
 Fort Wainwright, AK
 Client: Cornerstone General Contractors**

**Project #: 2025-091
 Date: October 23, 2025
 Area Tested: Range Access Road/ Fullford TP-1**

Material / Source:
Pitrun/ West Pile D- 143.8
1/ FSGA 140.6

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	1	100m Range Access Road 75'	146.4	5.1	139.3	143.8	96.9%	95%
2	pitrun	8	1	100m Range Access Road 150'	148.7	5.3	141.2	143.8	98.2%	95%
3	pitrun	8	1	100m Range Access Road 250'	145.8	4.8	139.1	143.8	96.7%	95%
4	D-1	12	1	Fullford TP-1	142.3	4.0	136.8	143.8	95.2%	95%
5	D-1	12	2	Fullford TP-2	147.6	6.9	138.1	143.8	96.0%	95%

