



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

Project: Eielson SABRE Project
Eielson AFB, AK
Client: Heritage- M2C1 JV

Project #: 2025-002
Date: May 19, 2026
Area Tested: Conduit Trench

Material / Source:
Pitrun/ Mullins 143.5

Gauge: Instrotek 3500
Operator: John Trush
Ser: # 1748

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	8"	1	Conduit trench backfill 6' Southeast of Power pole	146.5	3.9	141.0	143.5	98.3%	95%