

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: EIE430 Repair Fire Protection Systems in Hangar
Eielson AFB, AK
Client: Alcan Builders, Inc.****Project #: 2025-013
Date: June 26, 2026
Area Tested: Gate Posts****Material / Source:**
Pitrun/ FS&G 142.3**Gauge: Instron 3500
Operator: Wayne Harding****Ser: # 898**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	6"	1	Gate Posts	147.1	6.4	138.3	142.3	97.2%	95%
2	pitrun	6"	2	Gate Posts	144.7	5.4	137.3	142.3	96.5%	95%

Approved By: Stefan Mack Stefan Mack PE, Lab Manager