

**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 12, 2025
Area Tested: Continuous Footings****Material / Source:**
2" Minus/ Mullins 144.0**Gauge: Instrotek 3500 Ser: # 1748
Operator: John Trush**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	2" minus	6"	foot grade	Continuous Footings (see map)	150.3	6.1	141.7	144.0	98.4%	98%
2	2" minus	6"	foot grade	Continuous Footings (see map)	150.0	6.3	141.1	144.0	98.0%	98%

Approved By: Stefan Mack Stefan Mack PE, Lab Manager