



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

**Project: EIE439 Fuels Management and Laboratory Facility  
Eielson AFB, AK  
Client: Eklutna Construction & Maintenance, LLC**

**Project #: 26-002  
Date: May 29, 2026  
Area Tested: Electric Trench**

**Material / Source:  
CF/ Mullins 146.1**

**Gauge: Instrotek 3500 Ser: # 963  
Operator: Chris Mack**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	CF	8"	1	Electric Trench Southwest end @ driveway	145.2	2.6	141.5	146.1	96.9%	95%
2	CF	8"	2	Electric Trench Northeast end @ driveway	143.0	2.9	139.0	146.1	95.1%	95%