

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: C-Camp
Denali, AK
Client: Aleut Field Services****Project #: 2026-021
Date: June 9, 2026
Area Tested: Northwest / Southeast Corner****Material / Source:
NFS Structural Fill/ CLI 149.5****Gauge: Instron 3500 Ser: # 898
Operator: Wayne Harding**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	26-176	10"	1	Northwest Corner	144.6	6.9	135.3	149.5	90.5%	95%
2	26-176	10"	1	Southeast Corner	141.4	4.3	135.6	149.5	90.7%	95%
3	26-176	10"	1	Northwest Corner #1 Retest	155.2	7.9	143.8	149.5	96.2%	95%
4	26-176	10"	1	Southeast Corner #2 Retest	154.7	8.6	142.4	149.5	95.3%	95%
5	26-176	10"	1	Northeast Corner	154.3	8.1	142.7	149.5	95.5%	95%
6	26-176	10"	1	Southwest Corner	153.0	7.4	142.5	149.5	95.3%	95%