

**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 11, 2026
Area Tested: 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"	4	Southeast Corner	151.1	7.4	140.7	149.5	94.1%	95%
2	26-176	10"	4	Southeast Corner #1 Retest	153.2	7.5	142.5	149.5	95.3%	95%
3	26-176	10"	4	Northeast Corner	153.3	7.8	142.2	149.5	95.1%	95%
4	26-176	10"	4	Northwest Corner	151.3	6.4	142.2	149.5	95.1%	95%
5	26-176	10"	4	Southwest Corner	152.9	6.1	144.1	149.5	96.4%	95%