

**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 10, 2026
Area Tested: Corner****Material / Source:
NFS Structural Fill/ CLI 149.5****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	26-176	10"	2	Northwest Corner	153.5	6.7	143.9	149.5	96.2%	95%
2	26-176	10"	2	Northeast Corner	152.9	7.4	142.4	149.5	95.2%	95%
3	26-176	10"	2	Southeast Corner	151.3	6.2	142.5	149.5	95.3%	95%
4	26-176	10"	2	Southwest Corner	153.3	5.3	145.6	149.5	97.4%	95%
5	26-176	10"	3	Southwest Corner	152.8	6.7	143.2	149.5	95.8%	95%
6	26-176	10"	3	Northwest Corner	152.2	6.7	142.6	149.5	95.4%	95%
7	26-176	10"	3	Northeast Corner	153.0	6.5	143.7	149.5	96.1%	95%
8	26-176	10"	3	Southeast Corner	146.9	8.1	135.9	149.5	90.9%	95%
9	26-176	10"	3	Southeast Corner #8 Retest	152.4	7.3	142.0	149.5	95.0%	95%
10	26-176	10"	3	Northwest Corner	147.0	5.7	139.1	149.5	93.0%	95%
11	26-176	10"	3	Northwest Corner #10 Retest	152.0	6.8	142.3	149.5	95.2%	95%