

**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 8, 2026
Area Tested: Dormitory Subgrade****Material / Source:
Exist/ Dormitory Subgrade 142.4****Gauge: Instron 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	exist	6"	sub grade	Dormitory Subgrade (see map)	148.0	8.9	135.9	142.4	95.4%	95%
2	exist	6"	sub grade	Dormitory Subgrade (see map)	150.8	9.2	138.1	142.4	97.0%	95%
3	exist	6"	sub grade	Dormitory Subgrade (see map)	141.7	4.3	135.9	142.4	95.4%	95%
4	exist	6"	sub grade	Dormitory Subgrade (see map)	140.5	3.7	135.5	142.4	95.1%	95%

