

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: FTW 405 Range Control
Fort Wainwright, AK
Client: Cornerstone General Contractors****Project #: 2025-091
Date: September 27, 2025
Area Tested: Bleacher Enclosure Exterior/ Interior****Material / Source:
Classified Fill/ West Pile 143.8****Gauge: Instrotek 3500 Ser: # 1019
Operator: Ben Marth**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	CF	8	4	Bleacher Enclosure Exterior	147.3	6.8	137.9	143.8	95.9%	95%
2	CF	8	4	Bleacher Enclosure Exterior	145.9	6.4	137.1	143.8	95.4%	95%
3	CF	8	4	Bleacher Enclosure Exterior	145.5	5.1	138.4	143.8	96.3%	95%
4	CF	8	4	Bleacher Enclosure Exterior	147.9	6.0	139.5	143.8	97.0%	95%
5	CF	8	4	Bleacher Enclosure Interior	147.8	4.9	140.9	143.8	98.0%	95%
6	CF	8	4	Bleacher Enclosure Interior	144.8	5.4	137.4	143.8	95.5%	95%
7	CF	8	4	Bleacher Enclosure Interior	146.6	5.3	139.2	143.8	96.8%	95%
8	CF	8	4	Bleacher Enclosure Interior	146.9	5.3	139.5	143.8	97.0%	95%

