

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Fort Wainwright 600th Ave
Fort Wainwright, AK
Client: Paving Products Inc.****Project #: 2026-035
Date: June 23, 2026
Area Tested: 600th and Spruce****Material / Source:**
CF/ FSG AGG 142.3**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	CF	6"	curb	600th South end East side	142.8	4.9	136.1	142.3	95.7%	95%
2	CF	6"	curb	600th and Spruce South Side	142.2	5.0	135.4	142.3	95.2%	95%
3	CF	6"	curb	600th and Spruce North Side	141.4	4.5	135.3	142.3	95.1%	95%
4	CF	6"	curb	600th at Building 4212-1 sidewalk	144.3	4.9	137.6	142.3	96.7%	95%