



**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)**

**Project: FTW475 Front Gate
Fort Wainwright, AK
Client: Eklutna Construction**

**Project #: 2025-063
Date: June 16, 2026
Area Tested: South Curb Line**

Material / Source:
D-1/ GNI Metro 142.6

**Gauge: Instrotek 3500 Ser: # 1748
Operator: John Trush**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	D-1	4"	curb grade	South Curb line (see map)	149.0	4.5	142.6	142.6	100.0%	95%
2	D-1	4"	curb grade	South Curb line (see map)	147.3	3.5	142.3	142.6	99.8%	95%

