

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: FTW Building 3015
Fort Wainwright, AK
Client: Alcan Builders****Project #: 2025-003
Date: May 2nd, 2025
Area Tested: Trench Drain****Material / Source:**
Gravel/ Existing 142.9**Gauge: Instrotek 3500 Ser: # 1903**
Operator: Mika Mack

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	gravel	6"	grade	3.1 Trench Drain (see map)	138.5	4.0	133.2	142.9	93.2%	95%
2	gravel	6"	grade	Retest #1 (see map)	145.0	4.7	138.5	142.9	96.9%	95%
3	gravel	6"	grade	3.1 Trench Drain (see map)	144.8	6.4	136.1	142.9	95.2%	95%