

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Santaigo Ave
Fort Wainwright, AK
Client: Orion Construction****Project #: 2026-057
Date: July 25, 2026
Area Tested: CB09/ CB08-09****Material / Source:
Screened Pitrun/ Metro Pit 141.2****Gauge: Instrotek 3500 Ser: # 1543
Operator: Ben Marth**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	8"	sub	CB09 Subgrade	145.0	5.0	138.1	141.2	97.8%	95%
2	pitrun	8"	1	CB08-09 Culvert	143.2	5.0	136.4	141.2	96.6%	95%
3	pitrun	8"	1	CB08-09 Culvert	145.6	5.1	138.5	141.2	98.1%	95%
4	pitrun	8"	1	CB08-09 Culvert	146.2	4.6	139.8	141.2	99.0%	95%
5	pitrun	8"	2	CB08-09 Culvert	144.5	5.2	137.4	141.2	97.3%	95%
6	pitrun	8"	2	CB08-09 Culvert	144.0	4.6	137.7	141.2	97.5%	95%
7	pitrun	8"	2	CB08-09 Culvert	145.3	4.8	138.6	141.2	98.2%	95%