

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: RAISCO**
Fairbanks, AK
Client: Heritage General**Project #: 2026-014**
Date: June 5, 2026
Area Tested: Parking/ Railhead**Material / Source:**
Pitrun/ Metro 144.1**Gauge: Instrotek 3500**
Operator: Markus Mack
Ser: # 1903

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	12"	2	West Parking/ Railhead	149.4	4.9	142.4	144.1	98.8%	95%
2	pitrun	12"	2	West Parking/ Railhead	149.1	4.7	142.4	144.1	98.8%	95%
3	pitrun	12"	2	West Parking/ Railhead	147.6	6.1	139.1	144.1	96.5%	95%
4	pitrun	12"	1	East parking	145.2	3.8	139.9	144.1	97.1%	95%
5	pitrun	12"	1	East parking	147.8	4.2	141.8	144.1	98.4%	95%
6	pitrun	12"	1	East parking	147.3	5.3	139.9	144.1	97.1%	95%