

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Moose Creek Crowley
Moose Creek, AK
Client: Red Point Construction, LLC****Project #: 2026-030
Date: June 16, 2026
Area Tested: Shop Building Backfill****Material / Source:
Pitrun/ North Pole Gravel 145.5****Gauge: Instrotek 3500 Ser: # 1903
Operator: Markus Mack**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	12"	1	Shop Building Backfill	145.3	2.3	142.0	145.5	97.6%	95%
2	pitrun	12"	1	Shop Building Backfill	145.3	2.8	141.3	145.5	97.1%	95%
3	pitrun	12"	1	Shop Building Backfill	146.2	3.7	141.0	145.5	96.9%	95%
4	pitrun	12"	2	Shop Building Backfill	144.8	3.7	139.6	145.5	96.0%	95%
5	pitrun	12"	2	Shop Building Backfill	146.6	4.4	140.4	145.5	96.5%	95%
6	pitrun	12"	2	Shop Building Backfill	146.2	3.5	141.3	145.5	97.1%	95%