

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Nenana Fire Station and Clinic
Nenana, AK
Client: Cornerstone General Contractors****Project #: 2026-050
Date: August 6, 2026
Area Tested: Northwest Entrance driveway****Material / Source:**
Pitrun/ Nenana 145.4**Gauge: Instrotek 3500 Ser: # 1548
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	10"	2	Northwest Entrance Driveway sloped pad	149.9	5.4	142.2	145.4	97.8%	95%
2	pitrun	10"	2	Northwest Entrance Driveway sloped pad	150.8	5.6	142.8	145.4	98.2%	95%
3	pitrun	10"	3	Northwest Entrance Driveway sloped pad	147.4	4.0	141.7	145.4	97.5%	95%
4	pitrun	10"	3	Northwest Entrance Driveway sloped pad	151.6	5.1	144.2	145.4	99.2%	95%
5	pitrun	10"	4	Northwest Entrance Driveway sloped pad (higher south end)	146.5	4.5	140.2	145.4	96.4%	95%