



**ASTM D6938 In-Place Density and Water Content of Soil and  
Soil-Aggregate by Nuclear Methods (Shallow Depth)**

**Project: Fairbanks Temple  
Fairbanks, AK  
Client: Westland**

**Project #: 2025-110  
Date: May 7, 2026  
Area Tested: Mormon Temple**

**Material / Source:  
Pitrun/ Van Horn                      144.1**

**Gauge: Instrotek 3500                      Ser: # 898  
Operator: Wayne Harding**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	pitrun	8"	1	Fairbanks, AK Temple (see map)	139.9	4.5	133.9	144.1	92.9%	95%
2	pitrun	8"	1	Fairbanks, AK Temple (see map) #1 Retest	145.7	6.0	137.5	144.1	95.4%	95%
3	pitrun	8"	2	Fairbanks, AK Temple (see map)	146.0	6.0	137.7	144.1	95.6%	95%

