

**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: September 13, 2025
Area Tested: Parking lot****Material / Source:**
Pitrun/ Van Horn 144.1**Gauge: Instron 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	Parking lot (see map)	148.8	8.1	137.7	144.1	95.5%	95%
2	pitrun	8	1	Parking lot (see map)	147.3	7.2	137.4	144.1	95.4%	95%
3	pitrun	8	1	Parking lot (see map)	147.3	6.5	138.3	144.1	96.0%	95%
4	pitrun	8	1	Parking lot (see map)	144.0	5.0	137.1	144.1	95.2%	95%
5	pitrun	8	1	Parking lot (see map)	146.7	6.8	137.4	144.1	95.3%	95%

Approved By: Stefan Mack Stefan Mack PE, Lab Manager