

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Fairbanks Temple**
Fairbanks, AK
Client: The Chruch of Jesus Christ of Latter-Day Saints**Project #: 2025-110**
Date: July 11, 2026
Area Tested: East Parking lot**Material / Source:**
1" minus screend pitrun/ van 136.4
horn**Gauge: Instron 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	SC PR	12"	1	East Parking lot	143.2	7.5	133.2	136.4	97.7%	95%
2	SC PR	12"	1	East Parking lot	143.0	8.0	132.4	136.4	97.1%	95%
3	SC PR	12"	1	East Parking lot	139.6	7.2	130.2	136.4	95.5%	95%