

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Chena Pump Boat Launch**
Chena Boat Launch, AK
Client: Paving Products Inc.**Project #: 2026-028**
Date: June 19, 2026
Area Tested: Parking lot extension**Material / Source:****CF/ Chena Pump pit** **D- 140.8**
1/FSGA **139.3****Gauge: Instrotek 3500****Ser: # 963****Operator: Chris Mack**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	CF	12"	1	Parking lot extension Northwest side	144.1	7.6	133.9	140.8	95.1%	95%
2	CF	12"	1	Parking lot extension Southeast side	145.3	8.6	133.8	140.8	95.0%	95%
3	CF	6"	2	Parking lot extension West side	145.0	8.1	134.1	140.8	95.3%	95%
4	CF	6"	2	Parking lot extension East side	144.4	7.5	134.3	140.8	95.4%	95%
5	D-1	4"	D-1	Parking lot extension Center	145.3	6.3	136.7	140.8	97.1%	98%
6	D-1	4"	D-1	Parking lot extension Northwest corner	143.7	5.7	136.0	140.8	96.6%	98%