

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: Polychrome Pass
Denali National Park, Ak
Client: Granite Construction Company****Project #: 2025-083
Date: June 29, 2026
Area Tested: East Approach Roadway****Material / Source:
Unclassified borrow / MP45.1 146.5 P24-0927-02****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	P24-0927-02	8"	1	STA 102+29 1ft left CL	148.2	7.2	138.2	146.5	94.4%	95%
2	P24-0927-02	8"	1	STA 102+17 1ft right CL	148.8	6.2	140.1	146.5	95.6%	95%
3	P24-0927-02	8"	2	STA 102+29 1ft left CL	150.7	7.7	139.9	146.5	95.5%	95%