



***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 18, 2026
Area Tested: West Side Culvert**

Material / Source:
West Embankment Native/ Existing 119.9

**Gauge: Instrotek 3500 Ser: # 896
Operator: Wayne Harding**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	P24-1021-01	10"	1	West Side Culvert- Right of Pipe- 20ft off Inlet	125.3	12.4	111.5	119.9	93.0%	95%
2	P24-1021-01	10"	1	West Side Culvert- Right of Pipe- 20ft off Inlet #1 Retest	132.8	12.8	117.7	119.9	98.2%	95%
3	P24-1021-01	10"	1	West Side Culvert- Right of Pipe- 18ft off Inlet	135.6	12.9	120.1	119.9	100.2%	95%