

**ASTM D6938 In-Place Density and Water Content of Soil and
Soil-Aggregate by Nuclear Methods (Shallow Depth)****Project: King Salmon
King Salmon, AK
Client: HC Contractors****Project #: 2026-007
Date: May 24, 2026
Area Tested: See map for locations****Material / Source:
GCA/ JJC 142.8****Gauge: Instron 3500 Ser: # 3599
Operator: Mika Mack**

Test #	Soil Type	Test Depth(in)	Lift Elev	Location	Wet Density	% Moist.	Dry Density	Max Density	Percent Density	Required Density
1	25-729	6"	1	See map for locations #13 5/22	151.9	6.0	143.3	142.8	100.4%	100%
2	25-729	6"	1	See map for locations #12 5/22	152.2	6.3	143.2	142.8	100.3%	100%
3	25-729	6"	1	See map for locations #11 5/22	150.8	5.5	142.9	142.8	100.1%	100%
4	25-729	6"	1	See map for locations #10 5/22	152.0	5.7	143.8	142.8	100.7%	100%

24 May 2026

Area tested

Complete

Sample sites
Southside Hangar 3,
out of match line,
Sampled with Title 2



Approved By: Stefan Mack Stefan Mack PE, Lab Manager