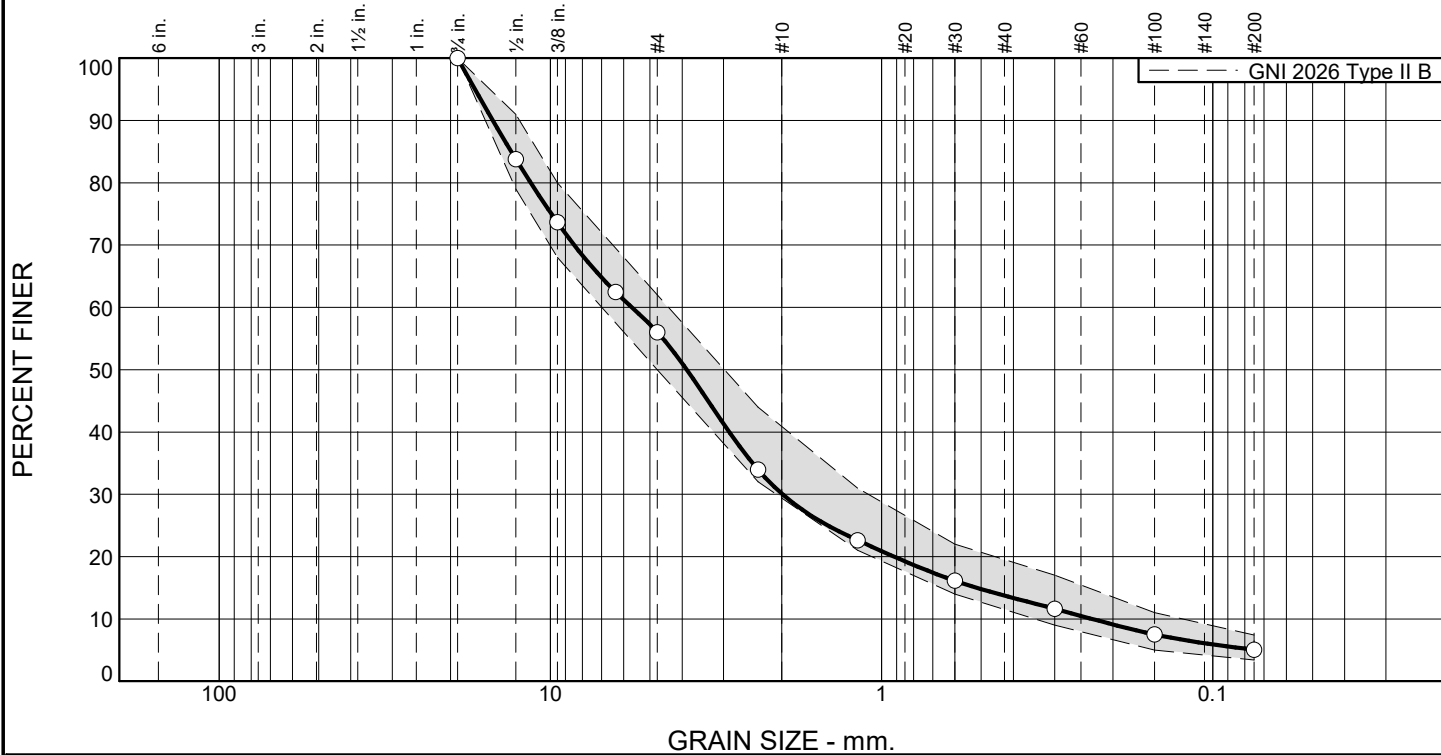


Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines
		Coarse	Fine	Silt
0	70	16	9	5

Test Results (ASTM C 136 & ASTM C 117)			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4	100	100	
1/2	84	79 - 91	
3/8	74	68 - 80	
1/4	62		
#4	56	50 - 62	
#8	34	32 - 44	
#16	23	21 - 31	
#30	16	14 - 22	
#50	12	9 - 17	
#100	8	5 - 11	
#200	5.0	3.4 - 7.4	

* GNI 2026 Type II B

Material Description

Coldfeed 2026 Mix

Atterberg Limits (ASTM D 4318)

PL= NP LL= NV PI= NP

Classification

USCS (D 2487)= SP-SM AASHTO (M 145)= A-1-a

Coefficients

D₉₀= 14.8976 D₈₅= 13.1114 D₆₀= 5.6627
D₅₀= 3.8746 D₃₀= 1.9928 D₁₅= 0.5152
D₁₀= 0.2318 C_u= 24.43 C_c= 3.03

Remarks

sampld @ 300 TPH

Date Received: 7/13/26 Date Tested: 7/14/26

Tested By: Syliva Mack

Checked By: Chris Mack, C.E.T

Title: Lab Manager

Source of Sample: Hotplant
Sample Number: 26-345

Date Sampled: 7/13/26

MAPPA TESTLAB
1956 Richardson Highway
North Pole, Alaska 99705

Client: Great Northwest
Project: 2026 Quality Control
Fairbanks, Alaska
Project No:

Figure