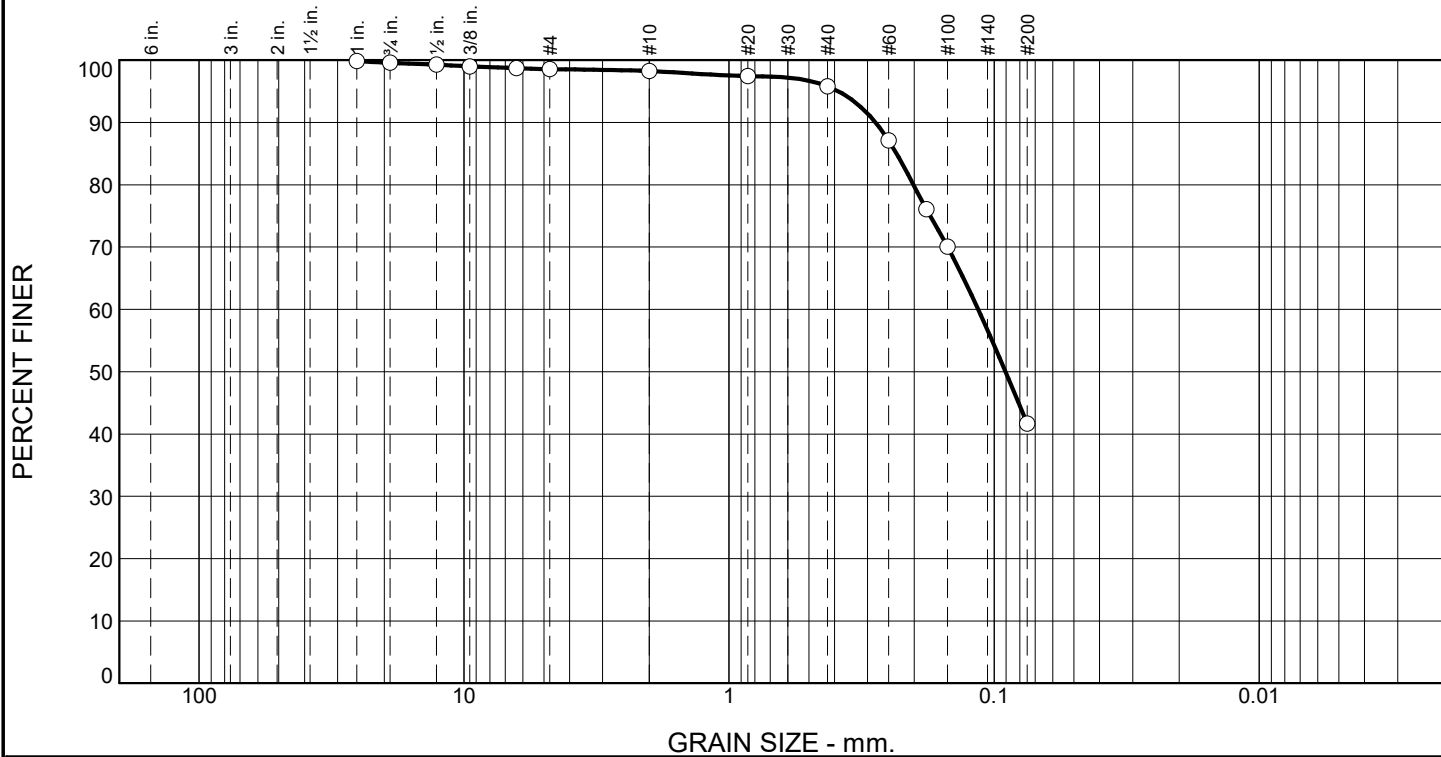


Particle Size Distribution Report



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
		2	54	42	

Test Results (ASTM C 136 & ASTM C 117)			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
3/4	100		
1/2	99		
3/8	99		
1/4	99		
#4	99		
#10	98		
#20	97		
#40	96		
#60	87		
#80	76		
#100	70		
#200	42		

* (no specification provided)

Material Description		
Sandy Silt		
Atterberg Limits (ASTM D 4318)		
PL=	LL=	PI=
Classification		
USCS (D 2487)=	AASHTO (M 145)=	
Coefficients		
D ₉₀ = 0.2800	D ₈₅ = 0.2332	D ₆₀ = 0.1147
D ₅₀ = 0.0906	D ₃₀ =	D ₁₅ =
D ₁₀ =	C _u =	C _c =
Remarks		
Max Dry Density(ASTM D1557):107.5 pcf @ 17.0% moisture		
Electrical Trench spoils 500M road		
Date Received: 8/4/26		Date Tested: 8/6/26
Tested By: Ava White		
Checked By: Chris Mack, CET		
Title: Lab Manager		

Source of Sample: Existing
Sample Number: 26-400

Depth: stockpile

Date Sampled: 8/4/26

MAPPA TESTLAB
1956 Richardson Highway
North Pole, Alaska 99705

Client: Cornerstone / ChemTrack JV
Project: FTW405 Machine Gun Range
Ft Wainwright, AK
Project No:

Figure