

Location Sampled	Depth (ft.)
Johnny's Ready Mix - Stockpile	

Sample Number	Classification	MC%	LL	PL	PI	Cc	Cu
Grout #1 - 0 to 1000 yds.	Sand With Silt, trace of gravel, brown (SP-SM)	3.8		NP		1.07	8.81

Sample Type	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
Bag	16.00	1.42	0.495	0.1617	11.0	82.5	6.5	

Sieve	6"	4"	3"	2"	1 1/2"	1"	3/4"	5/8"	1/2"	3/8"	#4
Passing %								100	99	99	89

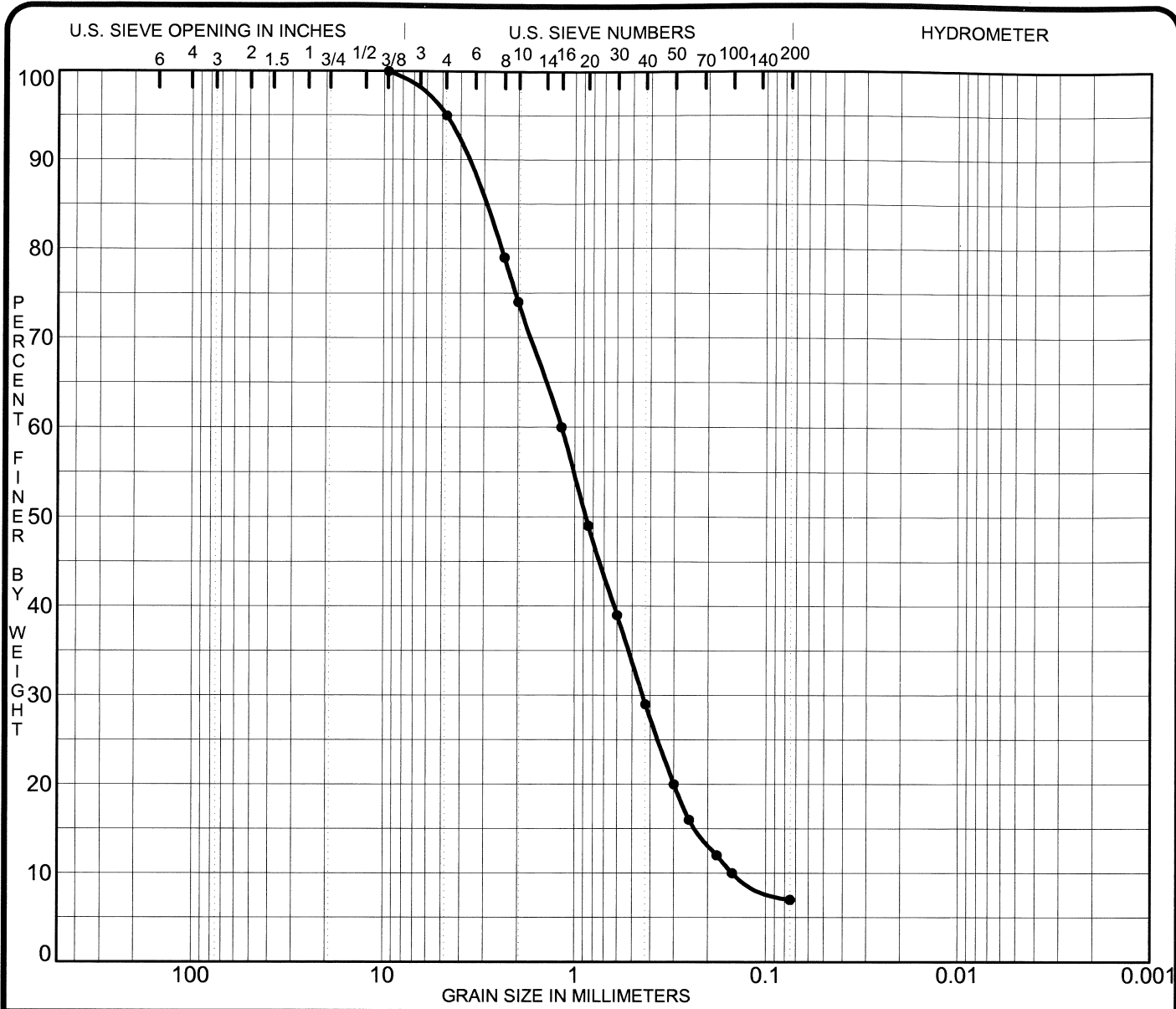
Sieve	#8	#10	#16	#20	#30	#40	#50	#60	#80	#100	#200
Passing %	73	69	55	45	35	26	18	15.0	11.0	9.3	6.5

REMARKS: Date Sampled: 9/12/2022 28 AM-22-21 Filed 10/03/2022 Pages: 3  
Sieve Analysis  
GEOSERV, INC.

PROJECT **2022 Garrison Phase V AML Project** JOB NO. **GEO-092205**  
 REPORTED TO **Mr. Ross W. Edison, NDPSC** DATE **10/3/2022**  
 COPIES TO **-**

Test Methods: Gradation - ASTM: C117-17, C136/136M-19, Atterburg - ASTM: D4318-17e1, Moisture Content - ASTM: D2216-19





Location Sampled: Johnny's Ready Mix - Stockpile  
 Depth (ft.):

Sample Number	Classification	MC%	LL	PL	PI	Cc	Cu
Grout #2 - 1001 to 2000 yds.	Sand With Silt, trace of gravel, brown (SP-SM)	5.5		NP		1.09	7.87

Sample Type	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
Bag	9.50	1.18	0.440	0.1500	5.0	88.0	7.0	

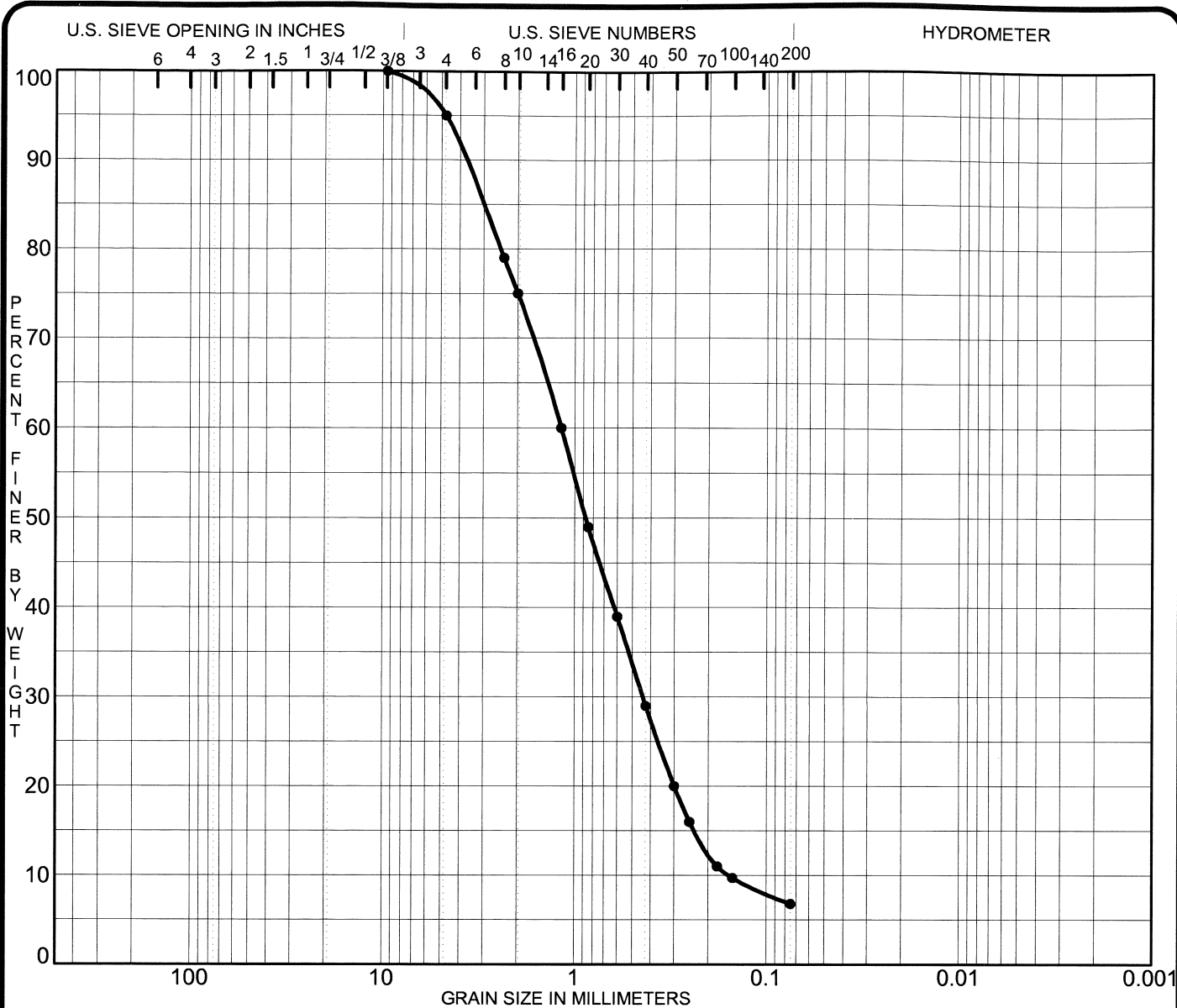
Sieve	6"	4"	3"	2"	1 1/2"	1"	3/4"	5/8"	1/2"	3/8"	#4
Passing %										100	95

Sieve	#8	#10	#16	#20	#30	#40	#50	#60	#80	#100	#200
Passing %	79	74	60	49	39	29	20	16.0	12.0	10.0	7.0

REMARKS: Date Sampled: 9/26/2022

PROJECT: 2022 Garrison Phase V AML Project  
 REPORTED TO: Mr. Ross W. Edison, NDPSC  
 COPIES TO: -  
 JOB NO.: GEO-092205  
 DATE: 10/3/2022





Location Sampled: Johnny's Ready Mix - Stockpile  
 Depth (ft.):

Sample Number	Classification	MC%	LL	PL	PI	Cc	Cu				
Grout #3 - 2001 to 2139 yds.	Sand With Silt, trace of gravel, brown (SP-SM)	4.5		NP		1.05	7.54				
Sample Type	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay			
Bag	9.50	1.18	0.440	0.1564	5.0	88.2	6.8				
Sieve	6"	4"	3"	2"	1 1/2"	1"	3/4"	5/8"	1/2"	3/8"	#4
Passing %										100	95
Sieve	#8	#10	#16	#20	#30	#40	#50	#60	#80	#100	#200
Passing %	79	75	60	49	39	29	20	16.0	11.0	9.7	6.8

REMARKS: Date Sampled: 9/27/2022

PROJECT: 2022 Garrison Phase V AML Project  
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 DATE: 10/3/2022

Test Methods: Gradation - ASTM: C117-17, C136/136M-19, Atterberg - ASTM: D4318-17e1, Moisture Content - ASTM: D2216-19