

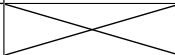
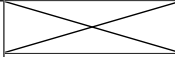
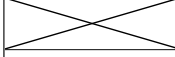
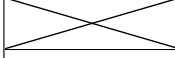
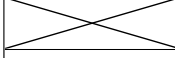
Soil Boring: B-01



ALDOT

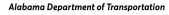
Project: TSFP
Location: Mobile, Alabama
Project Number:

County: -	Sta.: - / - -	Northing/Easting: - / -
Driller: Branham	Logged By: Jacobs	Checked By: S. Abbett
Hammer Type: Auto	Rig Type: CME-550X	Method: Auger
Date Started: 10/02/2024	Depth: 30.5 ft	-

Depth (ft)	Elevation (ft)	Graphic Log	Rig Type Tooling Surface Elevation		Samples			
			CME-550X 2-1/4" Hollow Stem Auger ~16.6'	Visual Classification and Remarks	Depth of Sample (ft)	Sample Graphic	Blow Counts (N-Value)	
	15		Asphalt	0.5	0.5 ft		8-8-9 (17)	
			Medium dense, brownish gray, damp, Poorly Graded Sand (SP)		4 ft		4-5-7 (12)	
	5				9 ft		4-5-7 (12)	
	10				14 ft		5-5-5 (10)	
					19 ft		1-2-3 (5)	
	10				24 ft		2-2-2 (4)	
	5				29 ft		2-2-2 (4)	
	15			Medium dense, gray, damp, Silty Sand (SM)	14.0			
	0							
	20			Loose, brown, damp, Silty Sand (SM)	19.0			
-5								
25								
-10								
30			Loose, gray, damp, Poorly Graded Sand (SP)	29.0				
				30.5				
-15								

☒ At Time of Drilling (ATD)	☒ SM
☒ Asphalt	☒ SPT - Standard Penetration Test
☒ SP	-

Depth	Comment
7	Water encountered @ 7'
-	-

**ALDOT****Project: TSFP**

Location: Mobile, Alabama

Project Number:

County: -	Sta.: - / - -	Northing/Easting: - / -
Driller: Branham	Logged By: Jacobs	Checked By: S. Abbett
Hammer Type: Auto	Rig Type: CME-550X	Method: Mud Rotary
Date Started: 10/02/2024	Depth: 76.5 ft	-

Depth (ft)	Elevation (ft)	Graphic Log	Rig Type		Depth of Sample (ft)	Samples		
			Tooling	Surface Elevation		Sample Number	Sample Graphic	Blow Counts (N-Value)
			CME-550X Rotary Drill 16.7'					
			Visual Classification and Remarks					
	15		Asphalt 0.5					
			Medium dense, gray, damp, Poorly Graded Sand (SP)		5 ft			
	5					1221027		5-6-8 (14)
	10				10 ft			
	5					1221028		4-5-6 (11)
					15 ft			
	15		Loose, gray, damp, Silty Sand (SM) 15.0			1221029		5-3-2 (5)
	0				20 ft			
	20		Loose, gray, damp, Silty Sand with Gravel (SM) 20.0			1221030		2-2-2 (4)
	-5				25 ft			
	25		Loose, gray, damp, Poorly Graded Sand (SP) 25.0			1221031		3-4-4 (8)
	-10				30 ft			
	30					1221032		3-4-4 (8)
	-15							

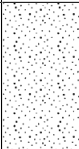
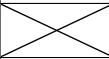
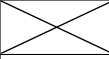
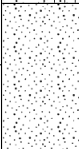
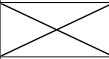
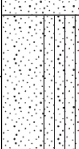
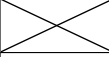
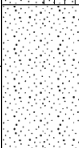
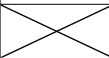
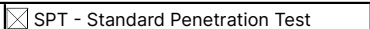
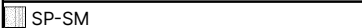
 At Time of Drilling (ATD)	 SM
 Asphalt	 SPT - Standard Penetration Test
 SP	-

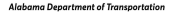
Depth	Comment
5	Water encountered @ 5'
-	-

Soil Boring: B-03

 Alabama Department of Transportation
ALDOT
Project: TSFP Location: Mobile, Alabama Project Number:

County: -	Sta.: - / - -	Northing/Easting: - / -
Driller: Branham	Logged By: Jacobs	Checked By: S. Abbett
Hammer Type: Auto	Rig Type: CME-550X	Method: Mud Rotary
Date Started: 10/02/2024	Depth: 76.5 ft	-

Depth (ft)	Elevation (ft)	Graphic Log	Rig Type Tooling Surface Elevation		Samples				
			CME-550X Rotary Drill 16.7'	Depth of Sample (ft)	Sample Number	Sample Graphic	Blow Counts (N-Value)		
			Visual Classification and Remarks						
35 40 45 50 55 60	-20		Loose, gray, damp, Poorly Graded Sand (SP)	40.0	35 ft				
						1221033		2-3-3 (6)	
	-25		Loose, gray, damp, Poorly Graded Sand with Silt (SP-SM)		40 ft				
						1221034		3-3-4 (7)	
	-30				45 ft				
						1221035		4-5-5 (10)	
	-35		Medium dense, gray, damp, Poorly Graded Sand (SP)	50.0	50 ft				
						1221036		3-5-6 (11)	
	-40		Medium dense, gray, damp, Poorly Graded Sand with Silt (SP-SM)	55.0	55 ft				
						1221037		6-8-8 (16)	
	-45		Medium dense, gray, damp, Poorly Graded Sand (SP)	60.0	60 ft				
						1221038		7-9-13 (22)	
				Depth		Comment			
 SP						5			Water encountered @ 5'
 SP-SM				-		-			-

**ALDOT****Project: TSFP**

Location: Mobile, Alabama

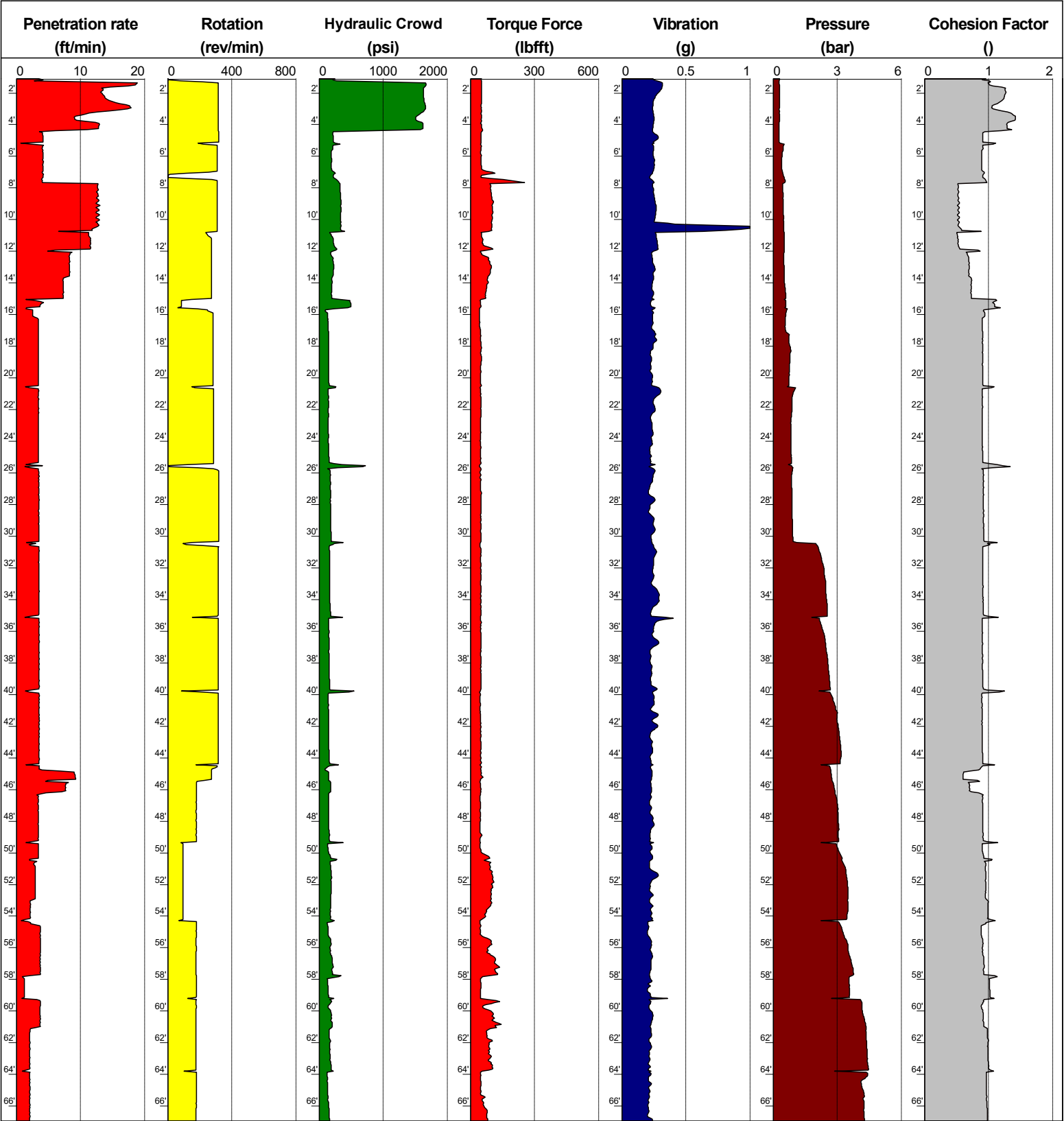
Project Number:

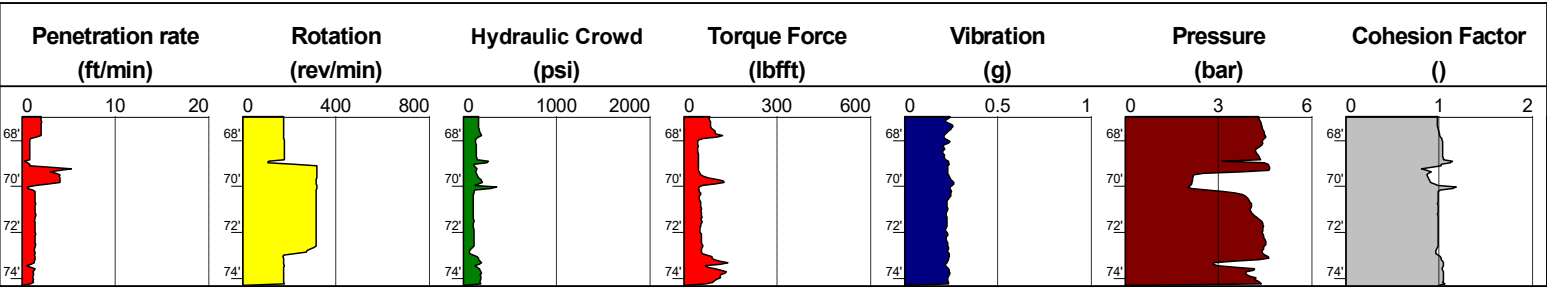
County: -	Sta.: - / - -	Northing/Easting: - / -
Driller: Branham	Logged By: Jacobs	Checked By: S. Abbett
Hammer Type: Auto	Rig Type: CME-550X	Method: Mud Rotary
Date Started: 10/02/2024	Depth: 76.5 ft	-

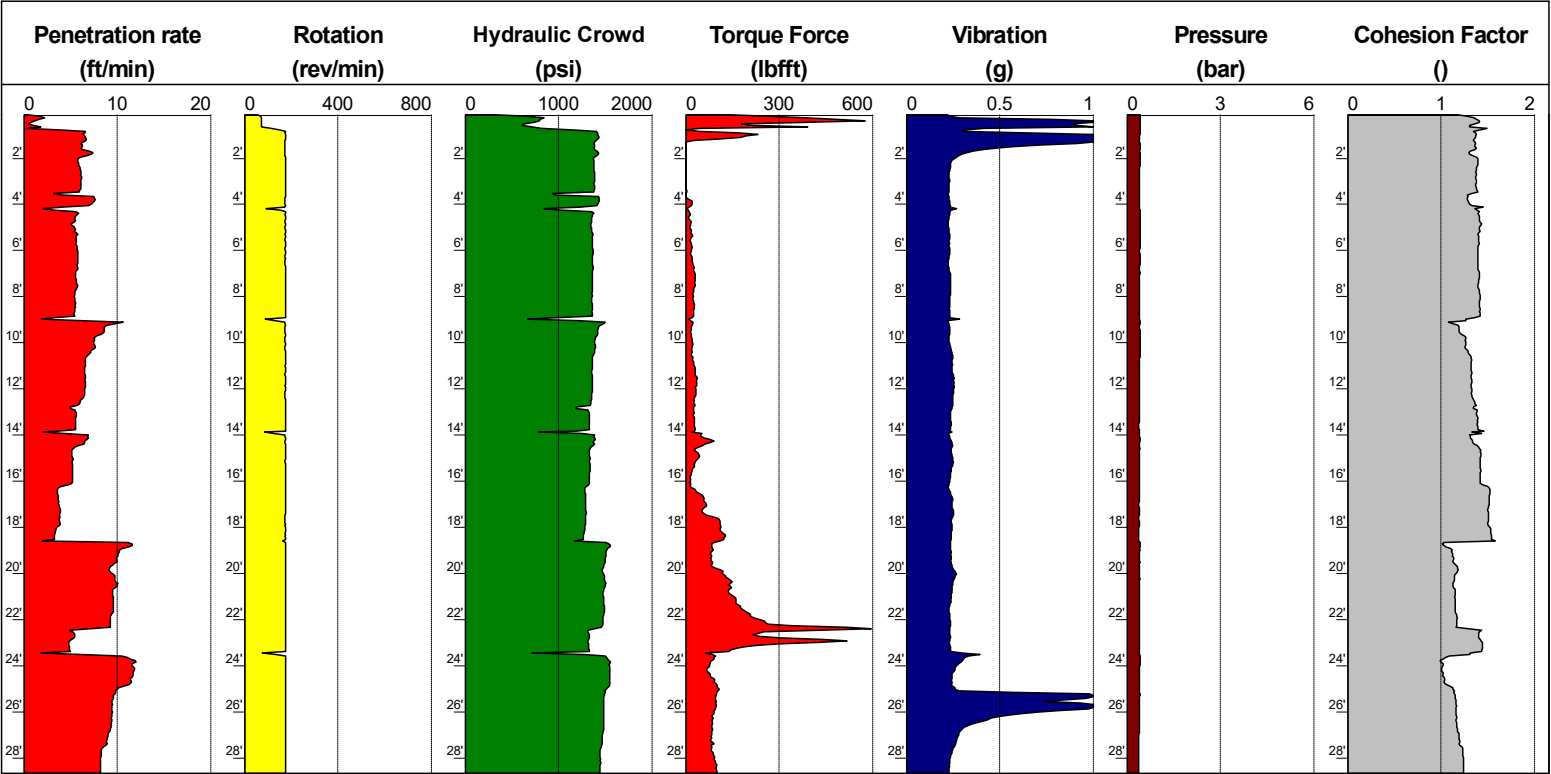
Depth (ft)	Elevation (ft)	Graphic Log	Rig Type	CME-550X	Depth of Sample (ft)	Samples		
			Tooling	Rotary Drill		Sample Number	Sample Graphic	Blow Counts (N-Value)
			Surface Elevation	16.7'				
			Visual Classification and Remarks					
<								

Boring Terminated at 76.5 feet

		Depth	Comment
☐ SP	☒ SPT - Standard Penetration Test	5	Water encountered @ 5'
☐ SP-SM	-	-	-







Soils Analysis / Grain Size

Project:

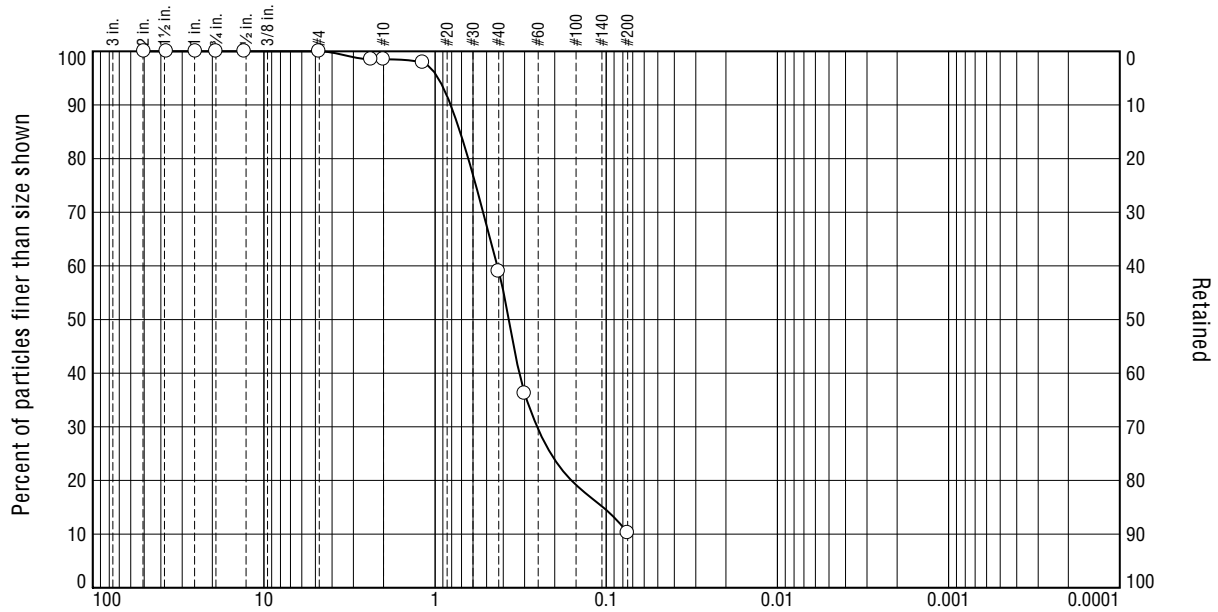
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221041

Depth: 75.0 to 76.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	1.5	39.5	48.8	10.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	100.0		
#8	98.5		
#10	98.5		
#16	97.9		
#40	59.0		
#50	36.2		
#200	10.2		

* (no specification provided)

Material Description		
B-01		
PL= NP		
LL= NP		
PI= NP		
Coefficients		
D ₈₅ = 0.7144	D ₆₀ = 0.4333	D ₅₀ = 0.3708
D ₃₀ = 0.2535	D ₁₅ = 0.1044	D ₁₀ =
C _u =	C _c =	
Classification		
USCS= SP-SM	AASHTO=	A-3
Remarks		
MC=19.7%		
F.M.=1.71		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

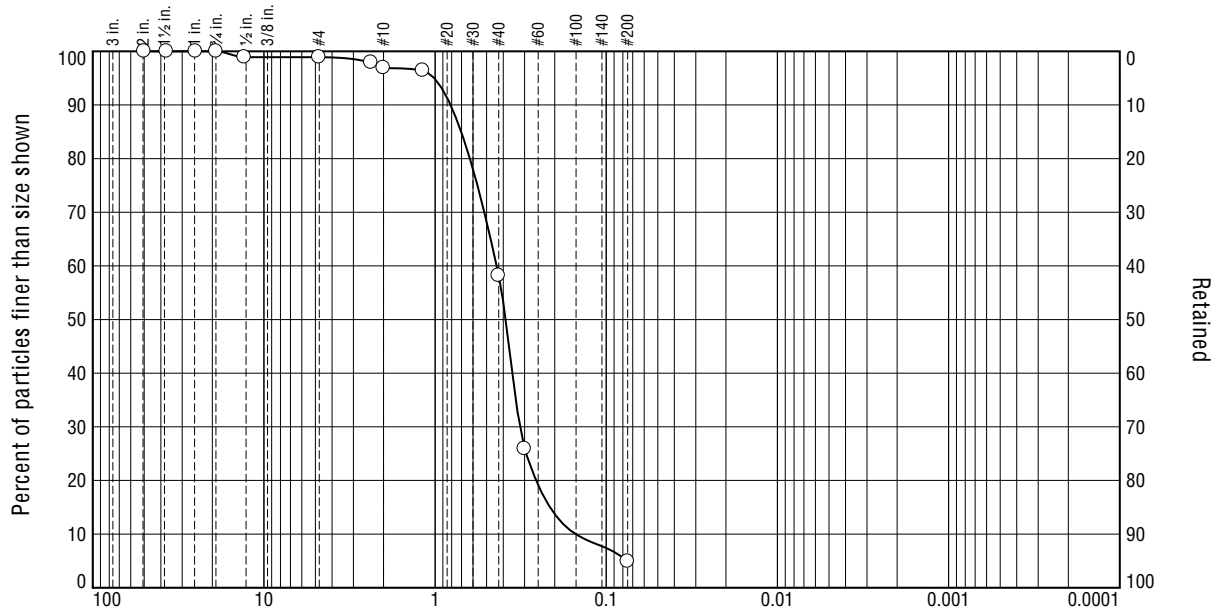
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221027

Depth: 5.0 to 6.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	3.1	38.7	53.3	4.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	98.9		
#4	98.9		
#8	97.9		
#10	96.9		
#16	96.4		
#40	58.2		
#50	25.9		
#200	4.9		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits LL= NP	PI= NP
D ₈₅ = 0.7037	Coefficients D ₆₀ = 0.4370	D ₅₀ = 0.3870
D ₃₀ = 0.3198	D ₁₅ = 0.2132	D ₁₀ = 0.1509
C _u = 2.90	C _c = 1.55	
USCS= SP	Classification AASHTO= A-3	
Remarks		
MC=14.0% F.M.=1.94		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

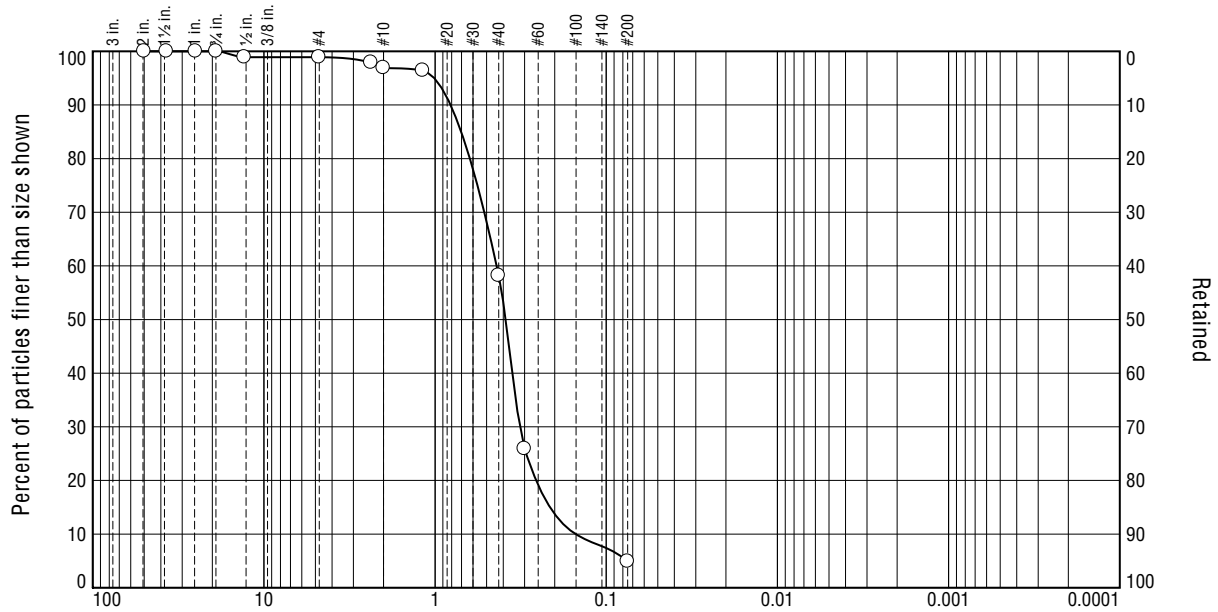
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221027

Depth: 5.0 to 6.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	3.1	38.7	53.3	4.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	98.9		
#4	98.9		
#8	97.9		
#10	96.9		
#16	96.4		
#40	58.2		
#50	25.9		
#200	4.9		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits LL= NP	PI= NP
D ₈₅ = 0.7037	Coefficients D ₆₀ = 0.4370	D ₅₀ = 0.3870
D ₃₀ = 0.3198	D ₁₅ = 0.2132	D ₁₀ = 0.1509
C _u = 2.90	C _c = 1.55	
USCS= SP	Classification AASHTO= A-3	
Remarks		
MC=14.0% F.M.=1.94		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

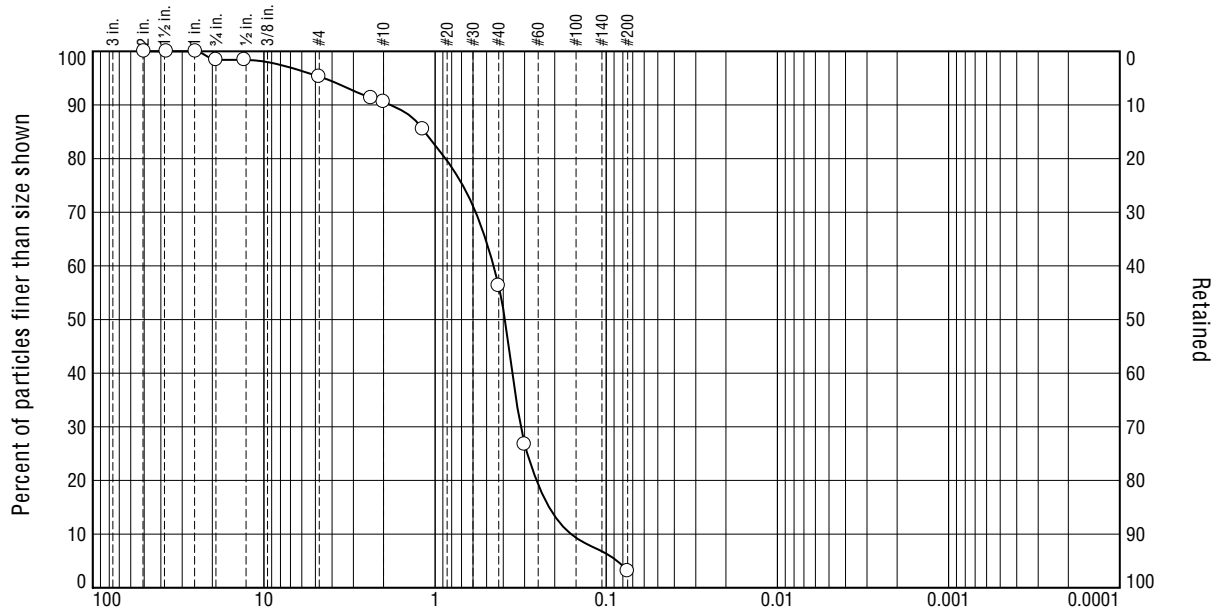
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221028

Depth: 10.0 to 11.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	9.4	34.3	53.2	3.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	98.4		
13mm	98.4		
#4	95.3		
#8	91.3		
#10	90.6		
#16	85.5		
#40	56.3		
#50	26.7		
#200	3.1		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits LL= NP	PI= NP
D ₈₅ = 1.1492	Coefficients D ₆₀ = 0.4553	D ₅₀ = 0.3909
D ₃₀ = 0.3163	D ₁₅ = 0.2156	D ₁₀ = 0.1605
C _u = 2.84	C _c = 1.37	
USCS= SP	Classification AASHTO= A-3	
Remarks		
MC=18.4% F.M.=2.24		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

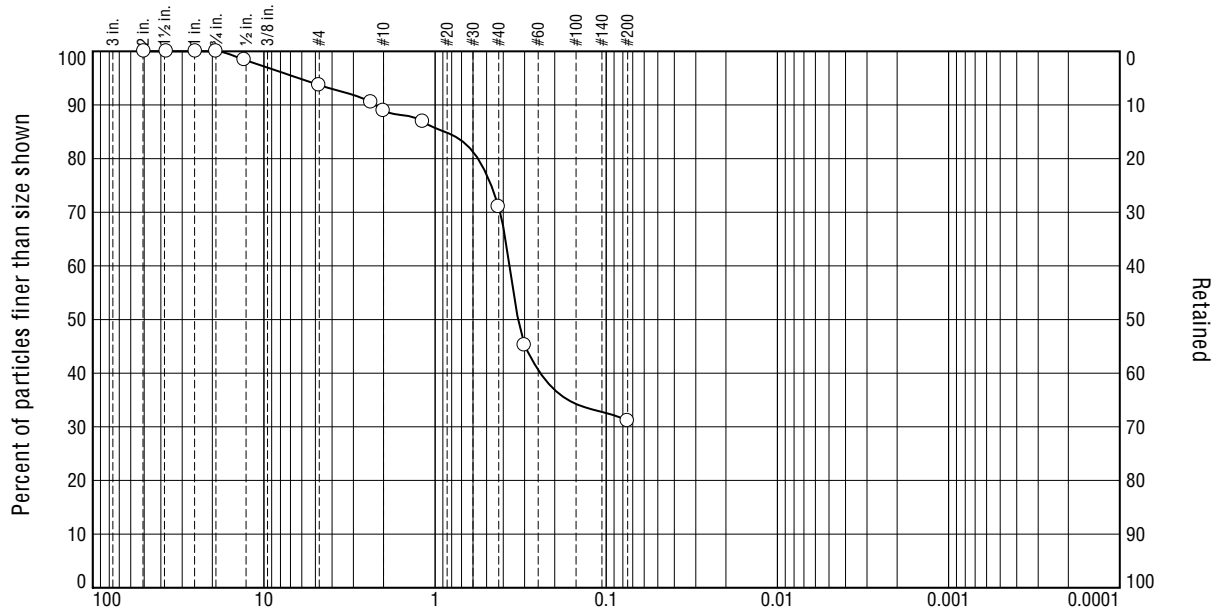
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221029

Depth: 15.0 to 16.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	11.1	17.9	39.9	31.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	98.4		
#4	93.7		
#8	90.5		
#10	88.9		
#16	86.9		
#40	71.0		
#50	45.2		
#200	31.1		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits LL= NP	PI= NP
D ₈₅ = 0.8770	Coefficients D ₆₀ = 0.3671	D ₅₀ = 0.3275
D ₃₀ =	D ₁₅ =	D ₁₀ =
C _u =	C _c =	
USCS= SM	Classification AASHTO=	A-2-4(0)
Remarks		
MC=23.4% F.M.=1.71		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

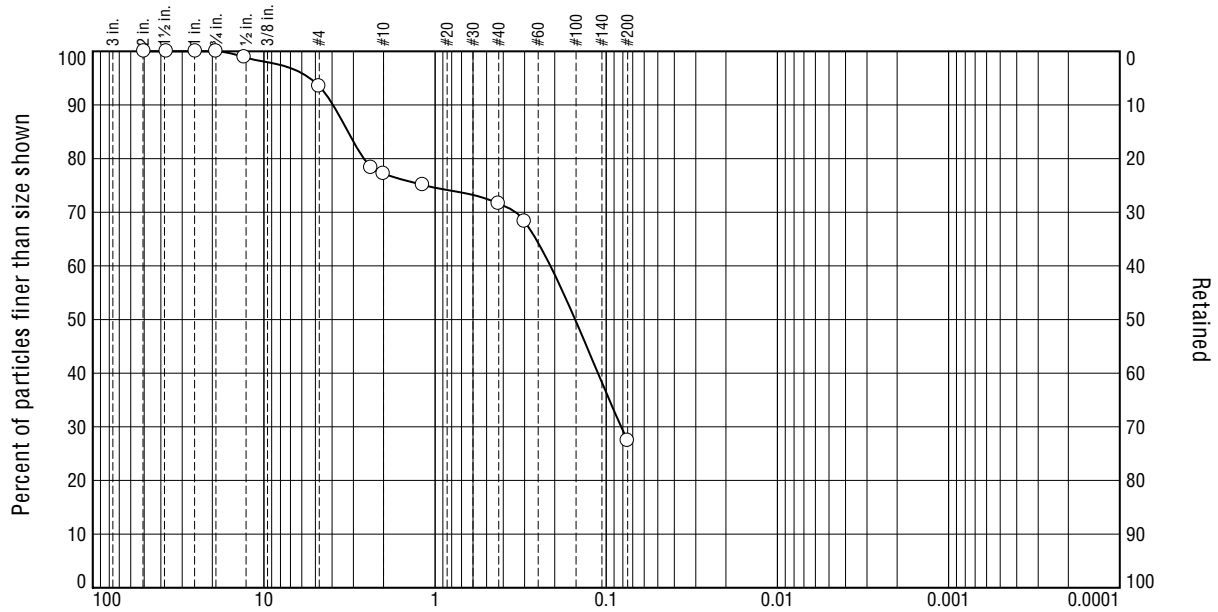
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221030

Depth: 20.0 to 21.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	22.8	5.6	44.2	27.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	98.9		
#4	93.5		
#8	78.3		
#10	77.2		
#16	75.1		
#40	71.6		
#50	68.3		
#200	27.4		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits LL= NP	PI= NP
D ₈₅ = 3.2256	Coefficients D ₆₀ = 0.2119	D ₅₀ = 0.1520
D ₃₀ = 0.0818	D ₁₅ =	D ₁₀ =
C _u =	C _c =	
USCS= SM	Classification AASHTO=	A-2-4(0)
Remarks		
MC=36.2% F.M.=1.64		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

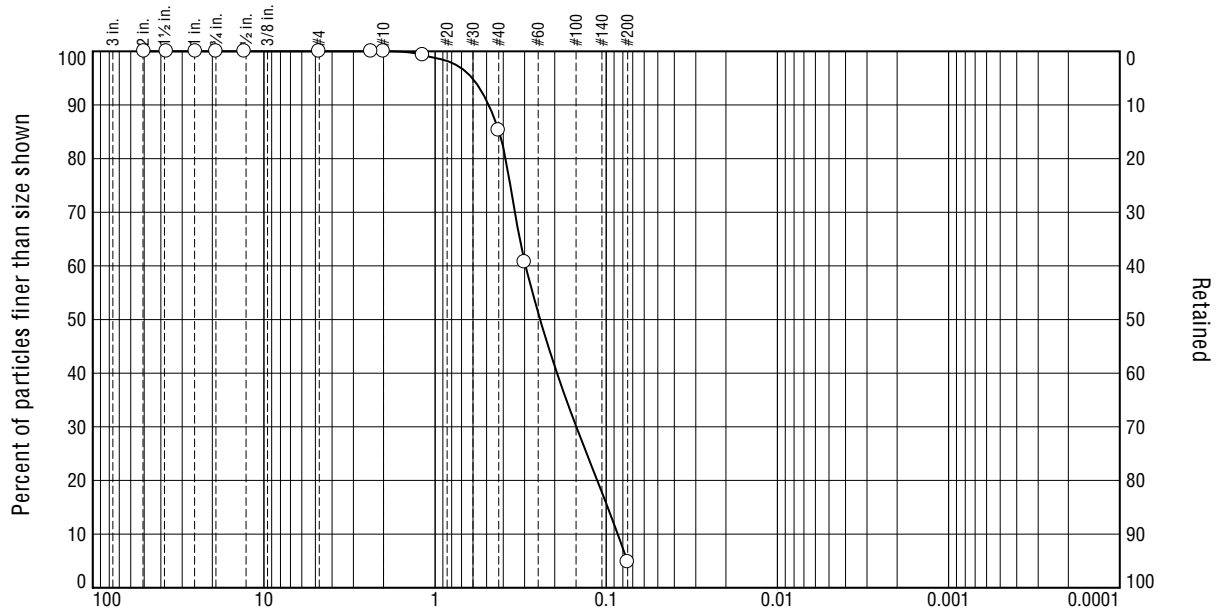
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221031

Depth: 25.0 to 26.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	0.0	14.7	80.5	4.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	100.0		
#8	100.0		
#10	100.0		
#16	99.3		
#40	85.3		
#50	60.7		
#200	4.8		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits	LL= NP PI= NP
Coefficients		
D ₈₅ = 0.4220	D ₆₀ = 0.2962	D ₅₀ = 0.2435
D ₃₀ = 0.1495	D ₁₅ = 0.0981	D ₁₀ = 0.0857
C _u = 3.46	C _c = 0.88	
Classification		
USCS= SP	AASHTO=	A-3
Remarks		
MC=21.7% F.M.=1.15		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

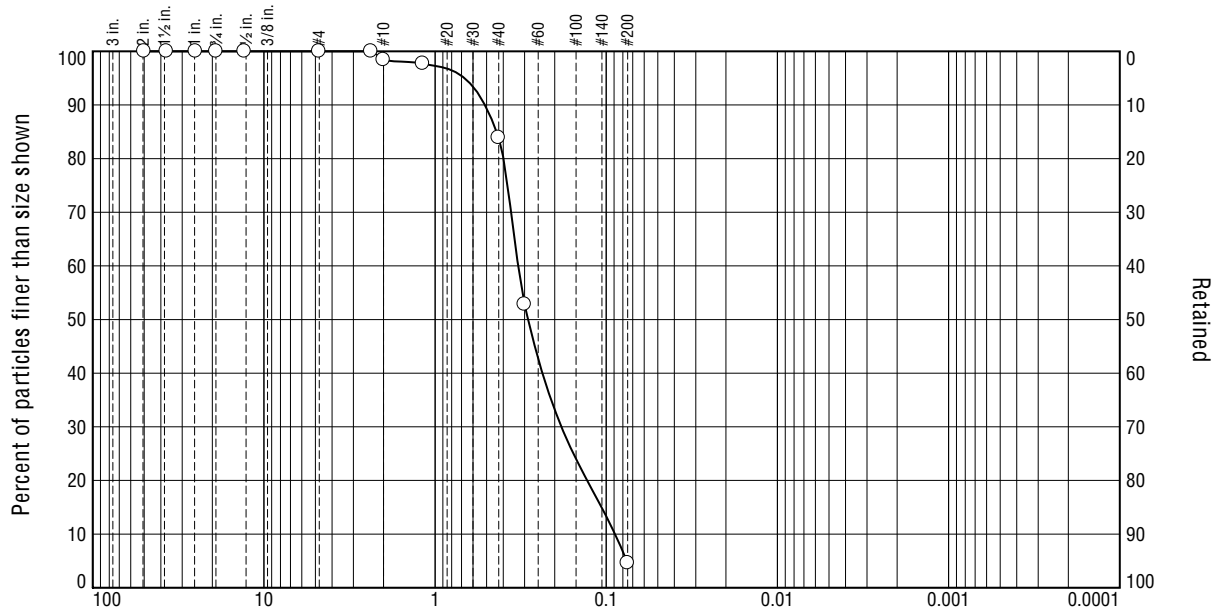
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221032

Depth: 30.0 to 31.5

Sample Date:



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	1.6	14.5	79.3	4.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	100.0		
#8	100.0		
#10	98.4		
#16	97.7		
#40	83.9		
#50	52.8		
#200	4.6		

* (no specification provided)

Material Description		
B-01		
PL= NP		
LL= NP		
PI= NP		
Coefficients		
D ₈₅ = 0.4372	D ₆₀ = 0.3272	D ₅₀ = 0.2864
D ₃₀ = 0.1828	D ₁₅ = 0.1066	D ₁₀ = 0.0889
C _u = 3.68	C _c = 1.15	
Classification		
USCS= SP	AASHTO=	A-3
Remarks		
MC=22.6%		
F.M.=1.32		

Figure

Tested By: SOILS

Soils Analysis / Grain Size

Project:

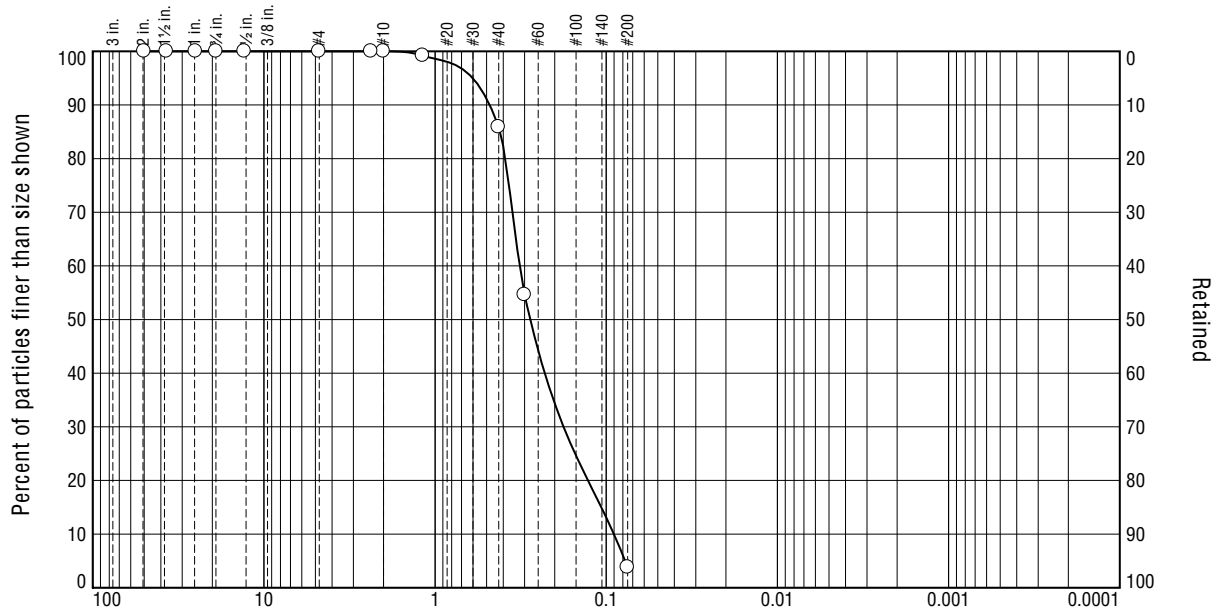
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221033

Depth: 35.0 to 36.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	0.0	14.1	82.1	3.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	100.0		
#8	100.0		
#10	100.0		
#16	99.2		
#40	85.9		
#50	54.6		
#200	3.8		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits LL= NP	PI= NP
D ₈₅ = 0.4167	Coefficients D ₆₀ = 0.3208	D ₅₀ = 0.2780
D ₃₀ = 0.1776	D ₁₅ = 0.1069	D ₁₀ = 0.0902
C _u = 3.56	C _c = 1.09	
USCS= SP	Classification AASHTO= A-3	
Remarks		
MC=25.9% F.M.=1.27		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

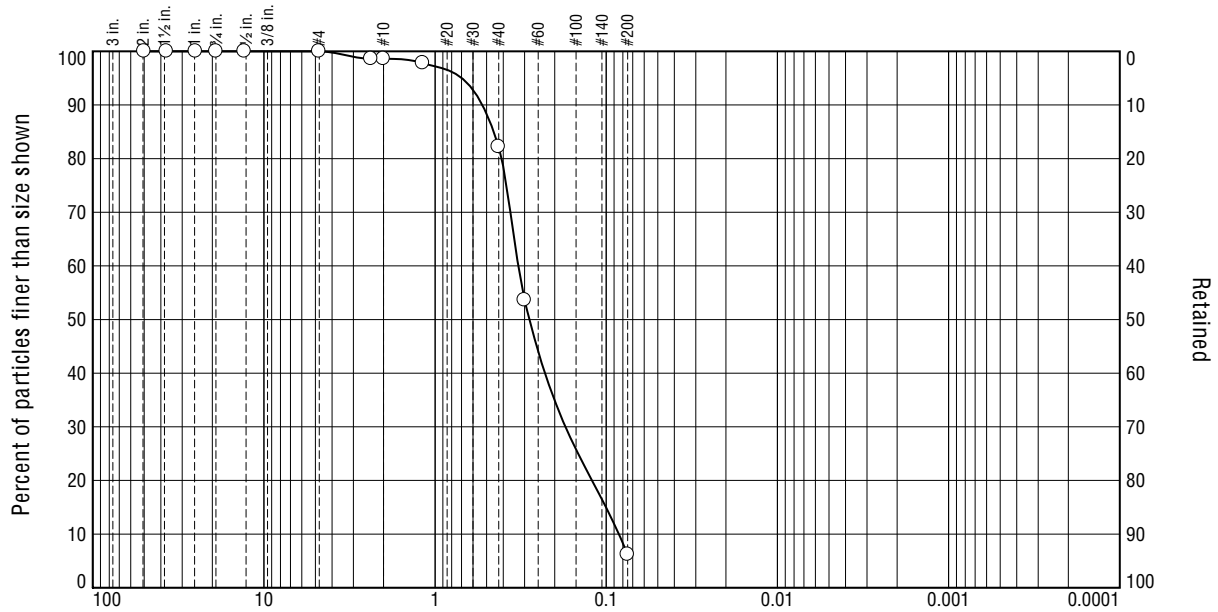
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221034

Depth: 40.0 to 41.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	1.4	16.4	76.0	6.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	100.0		
#8	98.6		
#10	98.6		
#16	97.8		
#40	82.2		
#50	53.6		
#200	6.2		

* (no specification provided)

Material Description		
B-01		
PL= NP		
LL= NP		
PI= NP		
Coefficients		
D ₈₅ = 0.4543	D ₆₀ = 0.3266	D ₅₀ = 0.2813
D ₃₀ = 0.1731	D ₁₅ = 0.1004	D ₁₀ = 0.0844
C _u = 3.87	C _c = 1.09	
Classification		
USCS= SP-SM	AASHTO=	A-3
Remarks		
MC=20.3%		
F.M.=1.31		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

Project No.:

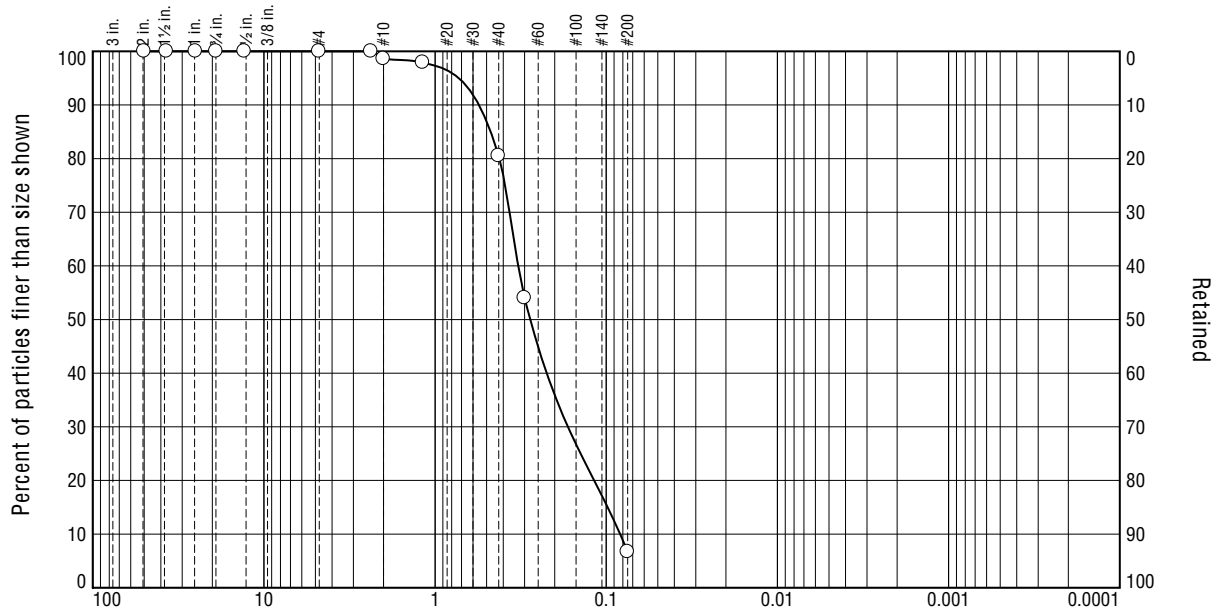
Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles

Sample Number: 1221035

Depth: 45.0 to 46.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	1.4	18.1	73.8	6.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	100.0		
#8	100.0		
#10	98.6		
#16	97.9		
#40	80.5		
#50	54.0		
#200	6.7		

* (no specification provided)

Material Description		
B-01		
PL= NP		
LL= NP		
PI= NP		
Coefficients		
D ₈₅ = 0.4731	D ₆₀ = 0.3270	D ₅₀ = 0.2781
D ₃₀ = 0.1675	D ₁₅ = 0.0982	D ₁₀ = 0.0830
C _u = 3.94	C _c = 1.03	
Classification		
USCS= SP-SM	AASHTO=	A-3
Remarks		
MC=21.1%		
F.M.=1.30		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

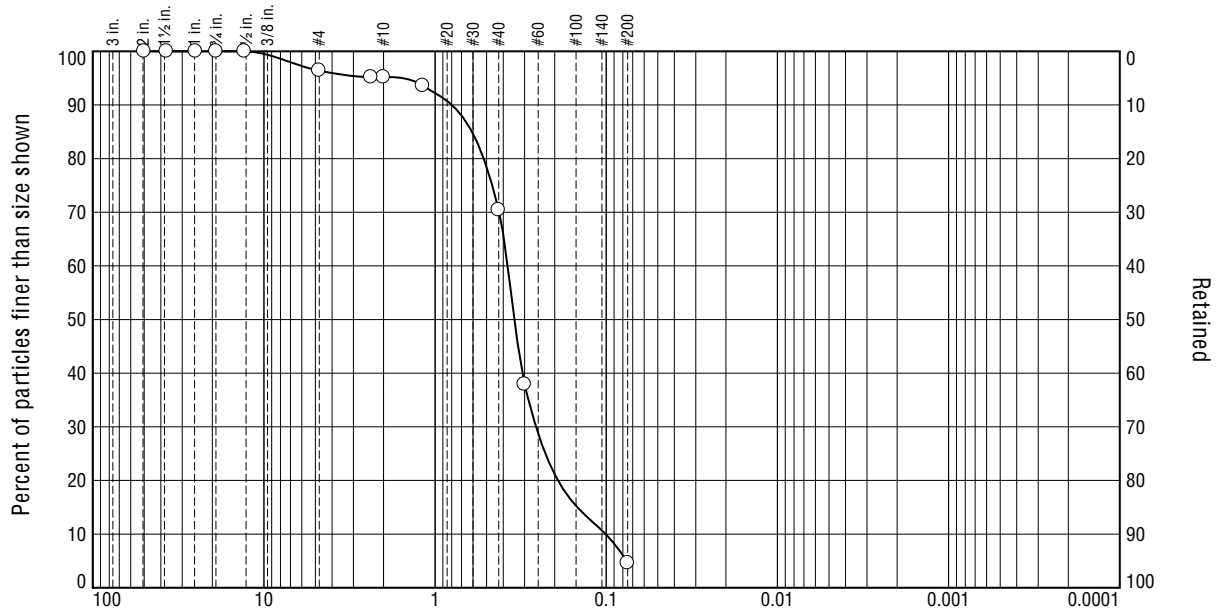
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221036

Depth: 50.0 to 51.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	4.8	24.8	65.8	4.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	96.4		
#8	95.2		
#10	95.2		
#16	93.6		
#40	70.4		
#50	37.9		
#200	4.6		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits	LL= NP PI= NP
Coefficients		
D ₈₅ = 0.6085	D ₆₀ = 0.3766	D ₅₀ = 0.3438
D ₃₀ = 0.2573	D ₁₅ = 0.1476	D ₁₀ = 0.1009
C _u = 3.73	C _c = 1.74	
Classification		
USCS= SP	AASHTO=	A-3
Remarks		
MC=25.9% F.M.=1.78		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

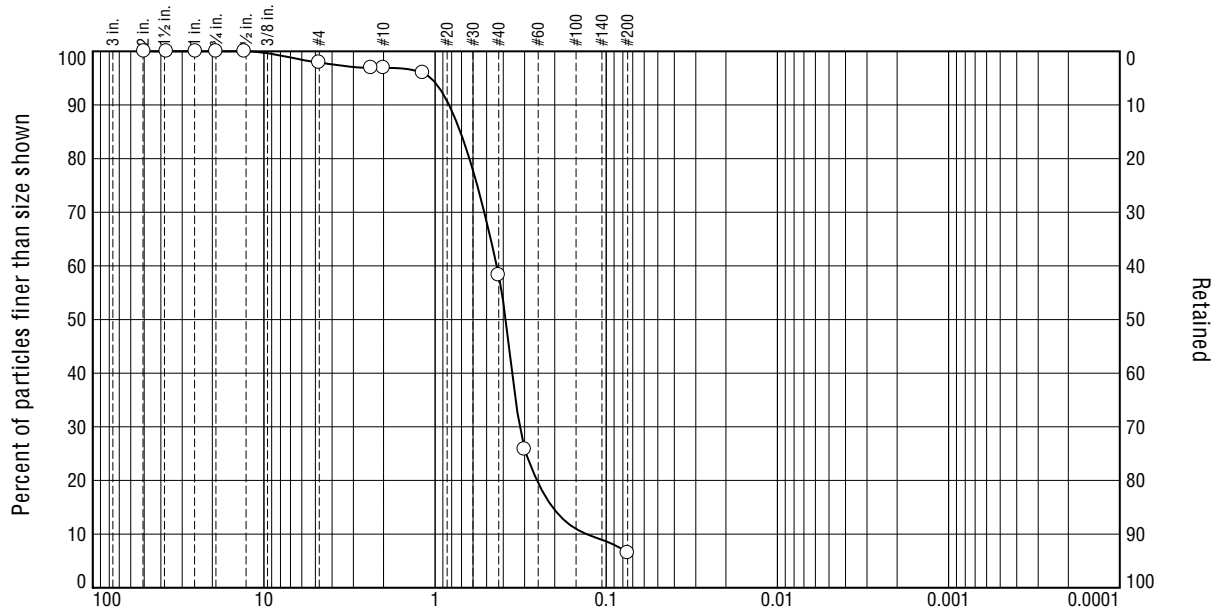
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221037

Depth: 55.0 to 56.5

Sample Date:



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	3.1	38.6	51.8	6.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	97.9		
#8	96.9		
#10	96.9		
#16	96.0		
#40	58.3		
#50	25.8		
#200	6.5		

* (no specification provided)

Material Description		
B-01		
PL= NP Atterberg Limits LL= NP PI= NP		
Coefficients D₈₅= 0.7118 D₃₀= 0.3207 C_u= 3.35		
D₆₀= 0.4364 D₁₅= 0.2058 C_c= 1.81		
D₅₀= 0.3870 D₁₀= 0.1304		
Classification USCS= SP-SM AASHTO= A-3		
Remarks MC=20.6% F.M.=1.95		

Figure

Tested By: SOILS

Soils Analysis / Grain Size

Project:

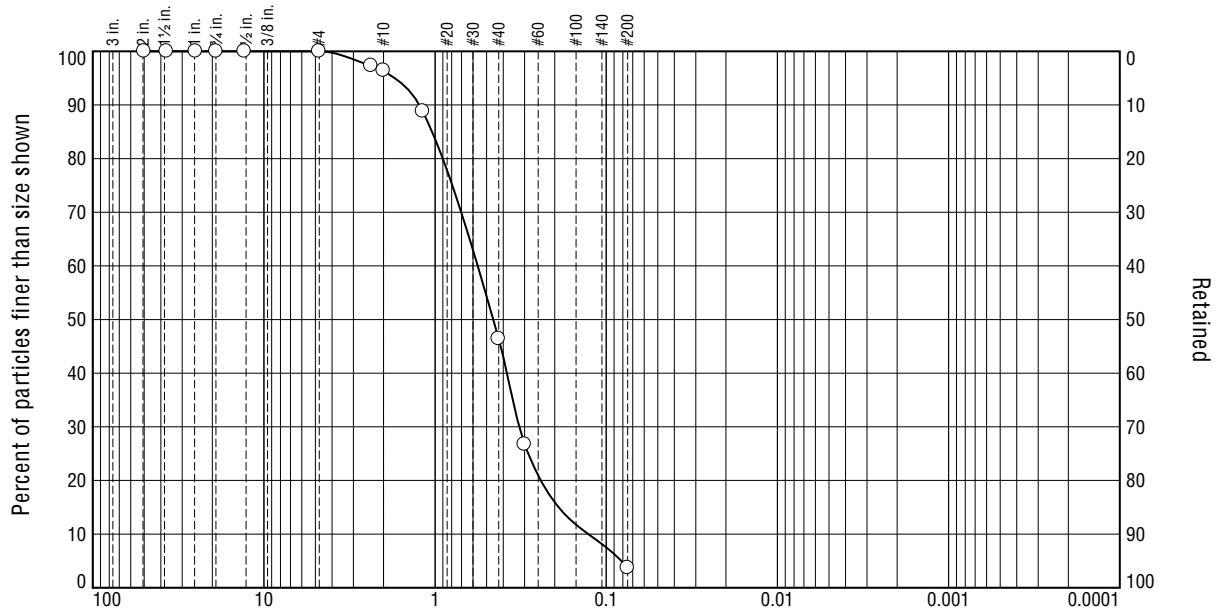
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221038

Depth: 60.0 to 61.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	3.6	50.0	42.7	3.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	100.0		
#8	97.3		
#10	96.4		
#16	88.8		
#40	46.4		
#50	26.7		
#200	3.7		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits	LL= NP PI= NP
Coefficients		
D ₈₅ = 1.0408	D ₆₀ = 0.5636	D ₅₀ = 0.4575
D ₃₀ = 0.3227	D ₁₅ = 0.1898	D ₁₀ = 0.1275
C _u = 4.42	C _c = 1.45	
Classification		
USCS= SP	AASHTO=	A-1-b
Remarks		
MC=21.6% F.M.=2.13		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

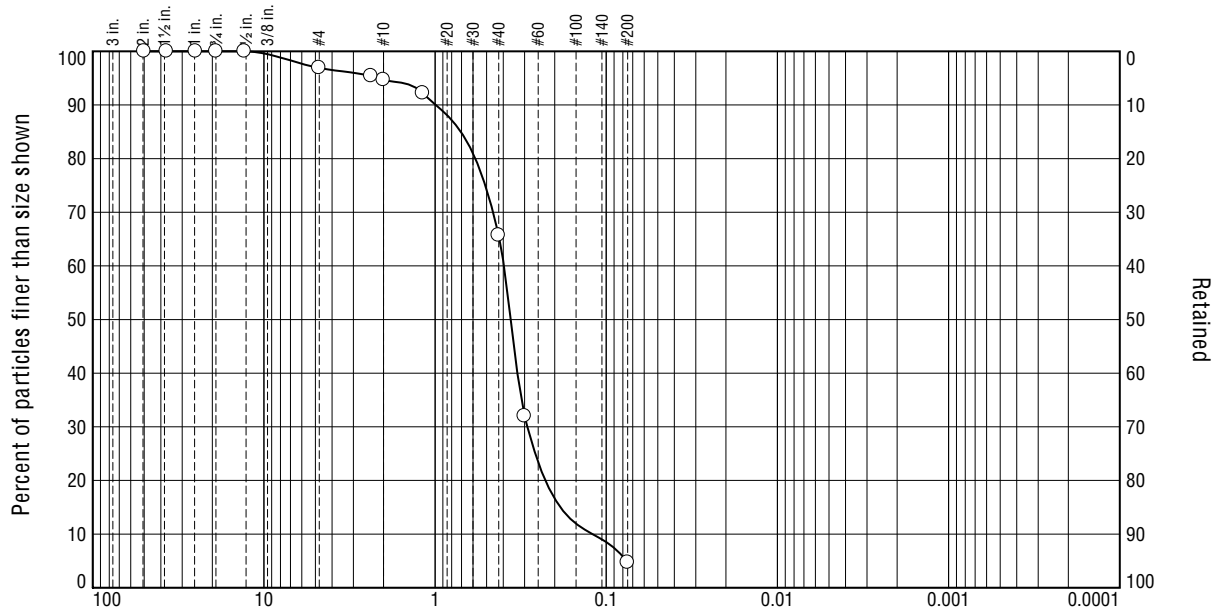
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221039

Depth: 65.0 to 66.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	5.3	29.0	61.0	4.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	96.9		
#8	95.4		
#10	94.7		
#16	92.2		
#40	65.7		
#50	32.0		
#200	4.7		

* (no specification provided)

Material Description		
B-01		
PL= NP	Atterberg Limits LL= NP	PI= NP
D ₈₅ = 0.7068	Coefficients D ₆₀ = 0.3961	D ₅₀ = 0.3614
D ₃₀ = 0.2891	D ₁₅ = 0.1854	D ₁₀ = 0.1203
C _u = 3.29	C _c = 1.75	
USCS= SP	Classification AASHTO= A-3	
Remarks		
MC=20.6% F.M.=1.91		

Figure

Tested By: SOILS

Checked By: SOILS

Soils Analysis / Grain Size

Project:

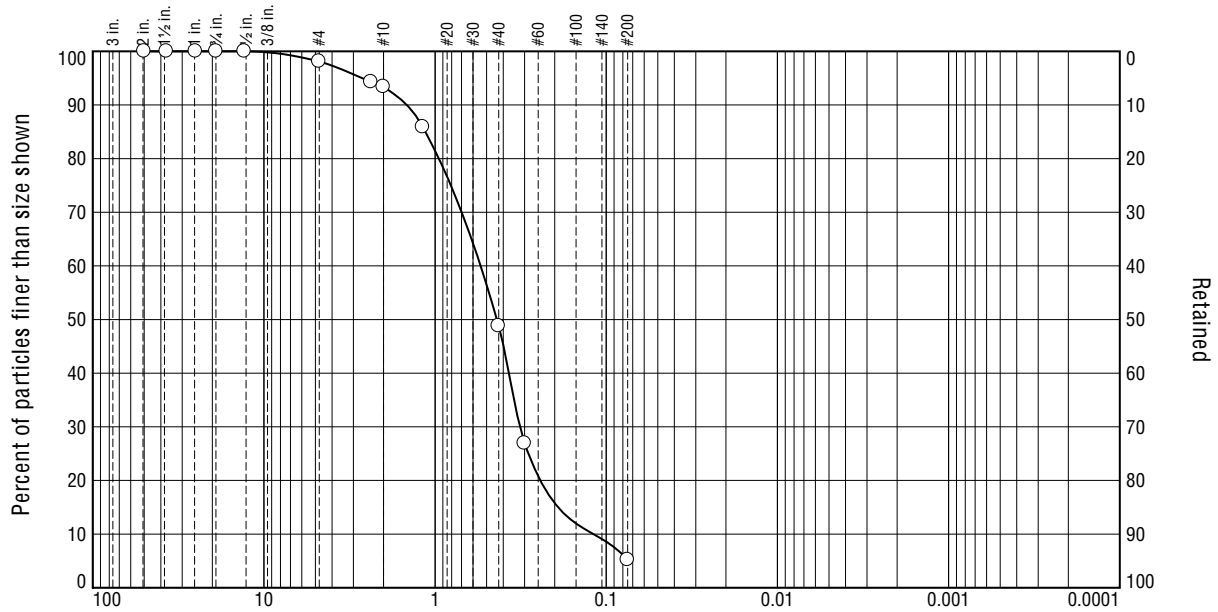
Project No.:

Client: ALDOT M&T Bureau Central Lab Soils

Location: Tapered Piles
Sample Number: 1221040

Depth: 70.0 to 71.5

Sample Date: 10/28/24



% +3"	% Gravel	% Sand		% Fines	
		Coarse	Fine	Silt	Clay
0.0	6.6	44.6	43.6	5.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
50mm	100.0		
37mm	100.0		
25mm	100.0		
19mm	100.0		
13mm	100.0		
#4	98.1		
#8	94.3		
#10	93.4		
#16	85.9		
#40	48.8		
#50	26.9		
#200	5.2		

* (no specification provided)

Material Description		
B-01		
PL= NP Atterberg Limits LL= NP PI= NP		
Coefficients D₈₅= 1.1392 D₆₀= 0.5421 D₃₀= 0.3196 D₁₅= 0.1912 C_u= 4.56 C_c= 1.58 D₅₀= 0.4355 D₁₀= 0.1189		
Classification USCS= SP-SM AASHTO= A-1-b		
Remarks MC=18.7% F.M.=2.19		

Figure

Tested By: SOILS

Checked By: SOILS