



TEST BORING LOG

PRELIMINARY

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-1
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
TOPSOIL - 3" / Brown SILTY CLAY (CL), little Sand and Gravel, trace Root Hairs and Limestone fragments. Moist. Medium stiff to stiff.	0.3		1	SS	X	X		12		4.5+				
			2	SS	X	X		7		4.5				
Gray-brown varved SILTY CLAY (CL). Moist. Stiff.	6.0		3	SS	X	X		15		4.5+				
Gray SHALEY CLAY (CL). Damp. Hard. [Residuum]	8.0		4	SS	X	X		50/6"		4.5+				*21-50/6"
Gray highly weathered SHALE with Limestone.	13.0		5	SS	X	X		50/1"						
- Boring ended at a depth of 13.6 feet due to auger refusal.	13.6													

Sample Type

- SS - Driven Split Spoon
- ST - Pressed Shelby Tube
- CA - Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

Depth to Groundwater

- Noted on Drilling Tools Dry ft.
- ⊕ At Completion (in augers) _____ ft.
- ∇ At Completion (open hole) Dry ft.
- ∇ After _____ days _____ ft.
- ∇ After _____ days _____ ft.
- ⊕ Cave Depth n/a ft.

Boring Method

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling



TEST BORING LOG

PRELIMINARY

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-2
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
TOPSOIL - 3" Brown SILTY SANDY CLAY (CL), trace Root Hairs. Moist. Soft.	0.3		1	SS	X	X		5		3.5				
Gray-brown varved SILTY CLAY (CL). Moist. Medium stiff.	3.0		2	SS	X	X		10		4.5+				
Gray SHALEY CLAY (CL). Damp. Very stiff to hard. [Redisuum]	6.0		3	SS	X	X		20		4.5+				
			4	SS	X	X		47		4.5+				
			5	SS	X	X		50/3"						
Gray highly weathered SHALE with Limestone.	13.0													
- Boring ended at a depth of 13.8 feet due to auger refusal.	13.8													

Sample Type

Depth to Groundwater

Boring Method

- SS - Driven Split Spoon
- ST - Pressed Shelby Tube
- CA - Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

- Noted on Drilling Tools Dry ft.
- ⚡ At Completion (in augers) _____ ft.
- ∇ At Completion (open hole) Dry ft.
- ∇ After _____ days _____ ft.
- ∇ After _____ days _____ ft.
- ⚡ Cave Depth 10.0 ft.

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling



TEST BORING LOG

PRELIMINARY

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-3
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
TOPSOIL - 3" / Brown SILTY SANDY CLAY (CL), trace Gravel. Moist. Medium stiff to very stiff.	0.3													
			1	SS	X	X		6		4.5+				
			2	SS	X	X		13		3.5				
		5												
			3	SS	X	X		16		3.5				
			4	SS	X	X		20		4.5+				
		10												
			5	SS	X	X		29		4.5+				
- Boring ended at a depth of 12.5 feet.	12.5													

<u>Sample Type</u>	<u>Depth to Groundwater</u>	<u>Boring Method</u>
SS - Driven Split Spoon	● Noted on Drilling Tools <u>Dry</u> ft.	HSA - Hollow Stem Augers
ST - Pressed Shelby Tube	⊕ At Completion (in augers) _____ ft.	CFA - Continuous Flight Augers
CA - Continuous Flight Auger	∇ At Completion (open hole) <u>Dry</u> ft.	DC - Driving Casing
RC - Rock Core	∇ After _____ days _____ ft.	MD - Mud Drilling
CU - Cuttings	∇ After _____ days _____ ft.	
CT - Continuous Tube	⊕ Cave Depth <u>10.0</u> ft.	
SPT - Standard Penetration Test		



TEST BORING LOG

PRELIMINARY

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-4
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
TOPSOIL - 3" / Brown and gray SILTY CLAY (CL), some Sand, trace Gravel. Moist. Medium stiff.	0.3													
			1	SS				6		2.5				
			2	SS				10		4.0				
		5												
			3	SS				10		3.0				
Gray and brown varved SILTY CLAY (CL). Moist. Very stiff.	8.0													
			4	SS				19		3.5				
		10												
Brown-gray SHALEY CLAY (CL). Damp. Hard. [Residuum]	13.0													
	13.9		5	SS				50/5"						
- Boring ended at a depth of 13.9 feet.														

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|---------------------------------|--|--------------------------------|
| Sample Type | Depth to Groundwater | Boring Method |
| SS - Driven Split Spoon | ● Noted on Drilling Tools <u>Dry</u> ft. | HSA - Hollow Stem Augers |
| ST - Pressed Shelby Tube | ⚡ At Completion (in augers) _____ ft. | CFA - Continuous Flight Augers |
| CA - Continuous Flight Auger | ∇ At Completion (open hole) <u>Dry</u> ft. | DC - Driving Casing |
| RC - Rock Core | ∇ After _____ days _____ ft. | MD - Mud Drilling |
| CU - Cuttings | ∇ After _____ days _____ ft. | |
| CT - Continuous Tube | ∇ After _____ days _____ ft. | |
| SPT - Standard Penetration Test | ⚡ Cave Depth <u>9.0</u> ft. | |



TEST BORING LOG

PRELIMINARY

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-5
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
SURFACE ELEVATION														
Brown SILTY SANDY CLAY (CL), little Gravel. Moist. Stiff.			1	SS	[X]	[X]		13		4.5+				
			2	SS	[X]	[X]	[W]	13		3.75				
		5	3	SS	[X]	[X]		13		3.25				
7.0														
- Boring ended at a depth of 7 feet due to auger refusal.														

<u>Sample Type</u>	<u>Depth to Groundwater</u>	<u>Boring Method</u>
SS - Driven Split Spoon	● Noted on Drilling Tools <u>Dry</u> ft.	HSA - Hollow Stem Augers
ST - Pressed Shelby Tube	⚡ At Completion (in augers) _____ ft.	CFA - Continuous Flight Augers
CA - Continuous Flight Auger	∇ At Completion (open hole) <u>Dry</u> ft.	DC - Driving Casing
RC - Rock Core	∇ After _____ days _____ ft.	MD - Mud Drilling
CU - Cuttings	∇ After _____ days _____ ft.	
CT - Continuous Tube	∇ After _____ days _____ ft.	
SPT - Standard Penetration Test	⊠ Cave Depth <u>3.5</u> ft.	



TEST BORING LOG

PRELIMINARY

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-6
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
TOPSOIL - 4"	0.3													
Brown SILTY SANDY CLAY (CL), little Gravel. Moist. Medium stiff to stiff.			1	SS				10		4.25				
			2	SS				11		3.25				
		5												
Gray-brown varved SILTY CLAY (CL). Moist. Very stiff.	6.0		3	SS				15		4.5				
			4	SS				29		4.5+				
		10												
Brown-gray highly weathered SHALE.	11.0		5	SS				50/3"						
- Boring ended at a depth of 11.3 feet.	11.3													

Sample Type

- SS - Driven Split Spoon
- ST - Pressed Shelby Tube
- CA - Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

Depth to Groundwater

- Noted on Drilling Tools Dry ft.
- ⊕ At Completion (in augers) _____ ft.
- ∇ At Completion (open hole) Dry ft.
- ∇ After _____ days _____ ft.
- ∇ After _____ days _____ ft.
- ⊕ Cave Depth 7.0 ft.

Boring Method

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling



TEST BORING LOG

PRELIMINARY

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-7
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
SURFACE ELEVATION														
TOPSOIL - 5"	0.4													
Brown SILTY SANDY CLAY (CL), little Gravel and Limestone fragments. Moist. Medium stiff to stiff.			1	SS				8		3.5				
			2	SS				14		3.75				
		5												
	6.5		3	SS				12		4.5				
- Boring ended at a depth of 6.5 feet due to auger refusal.														

Sample Type

Depth to Groundwater

Boring Method

- SS - Driven Split Spoon
- ST - Pressed Shelby Tube
- CA - Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

- Noted on Drilling Tools Dry ft.
- ⚡ At Completion (in augers) _____ ft.
- ∇ At Completion (open hole) Dry ft.
- ∇ After _____ days _____ ft.
- ∇ After _____ days _____ ft.
- ⊠ Cave Depth 5.0 ft.

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling



TEST BORING LOG *PRELIMINARY*

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-8
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
TOPSOIL - 3"	0.3													
Brown SILTY SANDY CLAY (CL), trace Gavel and Root Hairs. Moist. Medium stiff.			1	SS				10		4.5+				
	3.0													
Brown SILTY CLAY (CL), some Sand, little Limestone fragments. Moist. Stiff to hard.			2	SS				14		4.5+				
		5												
			3	SS				14		4.5				
	8.6		4	SS				50/1"						
- Boring ended at a depth of 8.6 feet due to auger refusal.														

Sample Type

- SS - Driven Split Spoon
- ST - Pressed Shelby Tube
- CA - Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

Depth to Groundwater

- Noted on Drilling Tools Dry ft.
- ⚡ At Completion (in augers) _____ ft.
- ∇ At Completion (open hole) Dry ft.
- ∇ After _____ days _____ ft.
- ∇ After _____ days _____ ft.
- ⚡ Cave Depth 5.0 ft.

Boring Method

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling



TEST BORING LOG

PRELIMINARY

CLIENT CT Consultants
 PROJECT NAME Cherry Fork Sanitary Improvements
 PROJECT LOCATION Cherry Fork
Adams County, Ohio

BORING # B-9
 JOB # 241GC00564
 DRAWN BY ASH
 APPROVED BY RES

DRILLING and SAMPLING INFORMATION

TEST DATA

Date Started 06/28/2024 Hammer Wt. 140 lbs.
 Date Completed 06/28/2024 Hammer Drop 30 in.
 Drill Foreman MJ Spoon Sampler OD 2 in.
 Inspector _____ Rock Core Dia. _____ in.
 Boring Method HSA Shelby Tube OD _____ in.

SOIL CLASSIFICATION	Stratum Depth	Depth Scale	Sample No.	Sample Type	Sampler Graphics	Recovery Graphics	Groundwater	Standard Penetration Test, blows per foot	Qu-tsf Unconfined Compressive Strength	PP-tsf Pocket Penetrometer	Moisture Content %	Liquid Limit (LL)	Plasticity Index (PI)	Remarks
TOPSOIL - 4"	0.3													
Brown SILTY SANDY CLAY (CL), trace Gravel. Moist. Soft to medium stiff.			1	SS				5		3.5				
			2	SS				5		1.75				
		5												
			3	SS				10		2.75				
Brown and gray SILTY CLAY (CL), little Sand, Gravel, and Limestone fragments. Moist. Very stiff.	8.0													
			4	SS				15		4.5+				
		10												
			5	SS				30		4.5+				
- Boring ended at a depth of 12.5 feet.	12.5													

Sample Type

Depth to Groundwater

Boring Method

- SS - Driven Split Spoon
- ST - Pressed Shelby Tube
- CA - Continuous Flight Auger
- RC - Rock Core
- CU - Cuttings
- CT - Continuous Tube
- SPT - Standard Penetration Test

- Noted on Drilling Tools Dry ft.
- ⚡ At Completion (in augers) _____ ft.
- ∇ At Completion (open hole) Dry ft.
- ∇ After _____ days _____ ft.
- ∇ After _____ days _____ ft.
- ⚡ Cave Depth 10.0 ft.

- HSA - Hollow Stem Augers
- CFA - Continuous Flight Augers
- DC - Driving Casing
- MD - Mud Drilling