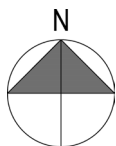


LOCATION PLAN



Legend

Soil Boring:

PROJECT: Verdantas – Sally Buffalo Park, Cadiz, OH

PROJECT NUMBER: 2022831.03

DATE: 1-5-2023

LOCATION: Industrial Park Rd, Cadiz, OH



520 S Main St, Suite 2531 Akron, Ohio 44311

Boring Number: B-1

CLIENT Verdantas

PROJECT NUMBER 16496

DATE STARTED December 13, 2022 COMPLETED December 13, 2022

DRILLING CONTRACTOR GPD Geotechnical Services, Inc.

DRILLING METHOD Hollow Stem Auger with Automatic SPT Hammer

LOGGED BY D. Burghy CHECKED BY Amanda Idri

NOTES Geoprobe 7822, ATV

PROJECT NAME Sally Buffalo Dam - Harrison Co.

PROJECT LOCATION Industrial Park Rd, Cadiz, OH

GROUND ELEVATION 1128 ft HOLE SIZE _____

GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---

CENTER TERMINATION NOTE - GINT STD US LAB.GDT - 1/12/23 12:48 - F:\GPD GILCHRIST\JOBS\2022\2022821831.03 - VERDANTAS - SALLY BUFFALO DAM, HARRISON CO., OH\B-1 AND B-2.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0		Moist, very stiff, brown CLAY, some gravel. (Fill)									
			SS 1	67	3-9-16 N ₆₀ =38		12				
		Damp, hard, brown, silty CLAY, little sand.									
5			SS 2	94	19-28-30 N ₆₀ =88		6				67
		Moist, very soft, brown CLAY, trace of sand & rock fragments.									
			SS 3	33	1-1-0 N ₆₀ =2		13				
		Damp, compact, gray & brown, completely weathered SHALE.									
10			SS 4	78	6-20-40 N ₆₀ =91		12				
15			SS 5	100	10-50/3"		19				
		Damp, compact, gray & brown, severely weathered SHALE.									
		Auger and Spoon Refusal									
20			SS 6	100	50/5"		8				
		Auger Refusal at 22.5 feet	SS 7								

Boring Number: B-2

CLIENT Verdantas

PROJECT NUMBER 16496

DATE STARTED December 14, 2022 COMPLETED December 14, 2022

DRILLING CONTRACTOR GPD Geotechnical Services, Inc.

DRILLING METHOD Hollow Stem Auger with Automatic SPT Hammer

LOGGED BY D. Burghy CHECKED BY Amanda Idri

NOTES Geoprobe 7822, ATV

PROJECT NAME Sally Buffalo Dam - Harrison Co.

PROJECT LOCATION Industrial Park Rd, Cadiz, OH

GROUND ELEVATION 1118 ft HOLE SIZE _____

GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---

CENTER TERMINATION NOTE - GINT STD US LAB.GDT - 1/12/23 12:48 - F:\GPD GILCHRIST\JOBS\2022\2022821831.03 - VERDANTAS - SALLY BUFFALO DAM, HARRISON CO., OH\B-1 AND B-2.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0		Moist, stiff, brown CLAY, trace of gravel & coal. (Fill)									
			SS 1	78	4-7-8 N ₆₀ =23	4.5	14				
		Moist, stiff, brown, silty CLAY, little rock fragements. (Fill)									
		Moist, medium stiff, brown & gray, silty CLAY, little shale fragments. (Possible Mine Spoils - Fill)	SS 2	44	2-1-4 N ₆₀ =8	1.5	19	39	20	19	
5											
		Moist, medium stiff, brown CLAY.	SS 3	72	2-3-4 N ₆₀ =11	2.5	28				
		Damp, stiff, brown silty CLAY, little rock fragments.	SS 4	94	4-4-7 N ₆₀ =17	3.0	14	34	19	15	
10											
		Damp, stiff, brown & gray, silty CLAY, trace rock fragments.	SS 5	72	3-5-6 N ₆₀ =17		20				92
15											

Auger Refusal at 16.0 feet

Boring Number: B-3

CLIENT Verdantas

PROJECT NUMBER 16496

DATE STARTED December 14, 2022 COMPLETED December 14, 2022

DRILLING CONTRACTOR GPD Geotechnical Services, Inc.

DRILLING METHOD Hollow Stem Auger with Automatic SPT Hammer

LOGGED BY D. Burghy CHECKED BY Amanda Idri

NOTES Geoprobe 7822, ATV

PROJECT NAME Sally Buffalo Dam - Harrison Co.

PROJECT LOCATION Industrial Park Rd, Cadiz, OH

GROUND ELEVATION 1118 ft HOLE SIZE _____

GROUND WATER LEVELS:
▽ AT TIME OF DRILLING 38.50 ft / Elev 1079.50 ft
AT END OF DRILLING ---

CENTER TERMINATION NOTE - GINT STD US LAB.GDT - 1/12/23 12:48 - F:\GPD GILCHRIST\JOBS\2022\2821831.03 - VERDANTAS - SALLY BUFFALO DAM, HARRISON CO., OH\B-1 AND B-2.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
								LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0		Straight auger top 20' of boring									
		Gray Cuttings									
5		Moist, brown CLAY, little rock fragments.									
10											
15		Damp, compact, brown, completely weathered SHALE.									
20		Damp, compact, gray, completely weathered SHALE.	SS 1	89	44-50/3"		5				
25			SS 2	78	35-42-30 N ₆₀ =109		7				
30		Damp, compact, gray, very weathered SHALE.	SS 3	100	50/4"						
35		Damp, compact, gray, weathered SHALE.	SS 4	100	50/2"						
40	▽		SS 5	100	50/2"						
		Auger Refusal at 43.5 feet	SS 6		50/0"						