



Verdantas, LLC
1915 N 12th Street
Toledo Ohio 43604
Telephone: (419)324-2222

BORING NUMBER B-4

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CLIENT Village of Chagrin Falls

PROJECT NAME Chagrin Falls Vincent Street Slope Stability

PROJECT NUMBER 24025505

PROJECT LOCATION Chagrin Falls, OH

DRILLING CONTRACTOR EnviroCore, Inc. Treu JH

RIG NO. B-57

GROUND ELEVATION 967 ft

DRILLING METHOD 3-1/4 in. HSA

GROUND WATER LEVELS:

DATE STARTED 5/5/25 COMPLETED 5/5/25

AT TIME OF DRILLING None

LOGGED BY PV CHECKED BY MSI

AT END OF DRILLING None

NOTES Backfilled w/Cuttings, and Patched.

AFTER DRILLING ---

ELEVATION (ft)	DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	UNCONF. COMP. STR. (tsf)	DRY UNIT WT. (pcf)	PL 20 MC 40 LL 80 ▲ SPT N VALUE ▲
	0		TOP GRAVEL - 2 Inches						
965	1.0'		TOPSOIL - 10 Inches	SS 1	78	6-7-8 (15)			▲
	3.5'		Moist Stiff to Very Stiff Gray SILTY CLAY (CL-ML), Trace Gravel, Iron Stains						
5			Moist Stiff Gray CLAY (CL), Some Silt, Trace Gravel	SS 2	100	3-4-6 (10)			▲
960			@6': Little Silt	SS 3	56	3-3-4 (7)			▲
	8.5'		Moist Very Stiff Gray CLAY (CL), Rock Fragments, Iron Stains	SS 4	100	4-9-16 (25)			▲
955	11.0'		Gray Severely Weathered SHALE, Iron Stains	SS 5	67	8-20-32 (52)			▲
	13.5'		Gray Severely Weathered SHALE	SS 6	86	18-50/1"			>>▲
950				SS 7	100	50/3"			>>▲
				SS 8	100	50/4"			>>▲
945				SS 9	100	50/4"			>>▲
	24.0'		Auger refusal encountered at 24', followed by 5' of rock coring.	SS 10	100	50/5"			>>▲
25			Gray Weathered SHALE Recovery: 100% RQD: 31%						

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940				RC	(31)				
			Bottom of hole at 29.0 feet.						