STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 12/20/23 13:27 - N:\PROJECTS\2023\N4235298\WORKING FILES\LABORATORY-FIELD DATA-BORING LOGS\N4235298 PRITCHARD AV

PROJECT: PRITCHARD AVENUE	DRILLING FIRM / OPERATOR: TC / B. COGER	DRILL RIG: CME 55 TRUCK	STATION / OFFSET: 5+04, 65' RT.	EXPLORATION ID B-001-0-23
TYPE: BRIDGE REPLCEMENT	SAMPLING FIRM / LOGGER: TC / C. HOLLEY	HAMMER: CME AUTOMATIC	ALIGNMENT: PRITCHARD AVENUE	
PID: 116200 SFN: 1560875	DRILLING METHOD: 3.25" HSA / NQ2	CALIBRATION DATE: 2/20/23	ELEVATION: 944.1 (MSL) EOB: 20.0 ft.	PAGE 1 OF 1
START: 11/20/23 END: 11/20/23	SAMPLING METHOD: SPT / NQ2	ENERGY RATIO (%): 83.5	LAT / LONG: 40.77466, -80.75909	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	HOLE SEALED
AGGREGATE BASE (8")	942.2		5 5 6	15	67	SS-1	1.5	-	-	-	-	-	-	-	-	12	A-6a (V)	
DARK BROWN AND GRAY, **SILT AND CLAY**, TRACE SAND, TRACE GRAVEL, **FILL**, MOIST	939.9		4 5 5	14	100	SS-2	-	-	-	-	-	-	-	-	-	14	A-6a (V)	
LOOSE, BROWN, **GRAVEL AND/OR STONE FRAGMENTS WITH SAND**, LITTLE SILT, TRACE CLAY, WET	938.4	W 938.4	3 4 4	11	56	SS-3	-	37	18	23	14	8	23	17	6	15	A-1-b (0)	
STIFF, GRAY, **SILT AND CLAY**, "AND" SAND, TRACE GRAVEL, WET	936.9		3 5 5	14	17	SS-4	1.5	10	18	25	21	26	34	19	15	28	A-6a (4)	
VERY DENSE, GRAY, **COARSE AND FINE SAND**, SOME GRAVEL, LITTLE SILT, TRACE CLAY, CONTAINS SHALE FRAGMENTS, WET	935.4	TR	7 50/2"	-	75	SS-5	-	25	15	36	15	9	NP	NP	NP	22	A-3a (0)	
SHALE, GRAY, SEVERELY WEATHERED.	932.9		50/2"	-	100	SS-6	-	-	-	-	-	-	-	-	-	9	A-3a (V)	
			50/2"	-	100	SS-7	-	-	-	-	-	-	-	-	-	12	Rock (V)	
SHALE, GRAY, MODERATELY WEATHERED, WEAK, FINE GRAINED, VERY THIN BEDDED, ARGILLACEOUS, FRACTURED, NARROW, SLIGHTLY ROUGH; RQD 5%, REC 100%.	930.9																	
SILTSTONE, GRAY, SLIGHTLY WEATHERED, MODERATELY STRONG, FINE GRAINED, VERY THIN BEDDED, ARENACEOUS, MODERATELY FRACTURED, NARROW, SLIGHTLY ROUGH; RQD 75%, REC 100%. @14.2' TO 15.0'; Qu = 9,210 psi	925.9		64		100	NQ2-1											CORE	
SHALE, GRAY, MODERATELY WEATHERED, WEAK, FINE GRAINED, VERY THIN BEDDED, ARGILLACEOUS, FRACTURED, NARROW, SLIGHTLY ROUGH; RQD 61%, REC 83%. @18.0' TO 18.4'; Qu = 9,030 psi	922.9	EOB	50		92	NQ2-2											CORE	

NOTES: WATER WAS ENCOUNTERED AT 4.5 FEET DURING DRILLING

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH BENTONITE CHIPS

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PROJECT: PRITCHARD AVENUE	DRILLING FIRM / OPERATOR: TC / B. COGER	DRILL RIG: CME 55 TRUCK	STATION / OFFSET: 6+25, 20' LT.	EXPLORATION ID B-002-0-23
TYPE: BRIDGE REPLCEMENT	SAMPLING FIRM / LOGGER: TC / C. HOLLEY	HAMMER: CME AUTOMATIC	ALIGNMENT: PRITCHARD AVENUE	
PID: 116200 SFN: 1560875	DRILLING METHOD: 3.25" HSA / NQ2	CALIBRATION DATE: 2/20/23	ELEVATION: 946.2 (MSL) EOB: 21.0 ft.	PAGE 1 OF 1
START: 11/20/23 END: 11/20/23	SAMPLING METHOD: SPT / NQ2	ENERGY RATIO (%): 83.5	LAT / LONG: 40.77498, -80.75950	

MATERIAL DESCRIPTION AND NOTES	ELEV. 946.2	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	HOLE SEALED
TOPSOIL (6")	945.7		4 4 4	11	100	SS-1	1.0	-	-	-	-	-	-	-	-	19	A-6a (V)	
BROWN, **SILT AND CLAY**, TRACE SAND, TRACE GRAVEL, **FILL**, MOIST	943.2		3 3 2	7	22	SS-2	0.75	-	-	-	-	-	-	-	-	20	A-6a (V)	
BROWN AND GRAY, **SANDY SILT**, LITTLE GRAVEL, LITTLE CLAY, **FILL**, WET	941.7		3 3 4	10	44	SS-3	-	19	18	20	26	17	33	23	10	33	A-4a (2)	
STIFF, BROWN AND GRAY, **SILT AND CLAY**, SOME SAND, SOME GRAVEL, SLIGHTLY ORGANIC, WET	940.2		3 4 4	11	56	SS-4	1.5	30	12	19	25	14	30	19	11	44	A-6a (1)	
VERY DENSE, GRAY, **COARSE AND FINE SAND**, TRACE GRAVEL, LITTLE SILT, LITTLE CLAY, CONTAINS SHALE FRAGMENTS, WET	938.7	W 938.7 TR	13 50/3"	-	89	SS-5	-	5	11	52	20	12	NP	NP	NP	45	A-3a (0)	
SHALE, GRAY, SEVERELY WEATHERED.	935.2		50/5"	-	80	SS-6	-	-	-	-	-	-	-	-	-	19	A-3a (V)	
			50/3"	-	100	SS-7	-	-	-	-	-	-	-	-	-	24	A-3a (V)	
			50/2"	-	100	SS-8	-	-	-	-	-	-	-	-	-	6	Rock (V)	
SHALE, GRAY, MODERATELY WEATHERED, WEAK, FINE GRAINED, VERY THIN BEDDED, ARGILLACEOUS, FRACTURED, NARROW, SLIGHTLY ROUGH; RQD 5%, REC 100%.	934.2 ▼ 933.2		50		100	NQ2-1											CORE	
SILTSTONE, GRAY, SLIGHTLY WEATHERED, MODERATELY STRONG, FINE GRAINED, VERY THIN BEDDED, ARENACEOUS, MODERATELY FRACTURED, NARROW, SLIGHTLY ROUGH; RQD 100%, REC 100%.																		
INTERBEDDED SHALE (70%) AND SILTSTONE (30%), FRACTURED, NARROW, SLIGHTLY ROUGH, RQD 5%, REC. 100%; **SHALE**, GRAY, MODERATELY WEATHERED, WEAK, FINE GRAINED, VERY THIN BEDDED, ARGILLACEOUS; **SILTSTONE**, GRAY, MODERATELY WEATHERED, WEAK TO MODERATELY STRONG, FINE GRAINED, VERY THIN BEDDED, ARENACEOUS, FRACTURED, NARROW, SLIGHTLY ROUGH.	929.5 927.7		62		100	NQ2-2											CORE	
SILTSTONE, GRAY, SLIGHTLY WEATHERED, MODERATELY STRONG, FINE GRAINED, VERY THIN BEDDED, ARENACEOUS, MODERATELY FRACTURED, NARROW, SLIGHTLY ROUGH; RQD 79%, REC 100%. @17.2' TO 18.0'; Qu = 9,280 psi																		
SHALE, GRAY, MODERATELY WEATHERED, WEAK, FINE GRAINED, VERY THIN BEDDED, ARGILLACEOUS, FRACTURED, NARROW, SLIGHTLY ROUGH; RQD 30%, REC 100%.	925.2 EOB																	

NOTES: WATER WAS ENCOUNTERED AT 12 FEET DURING DRILLING, WATER WAS OBSERVED AT 12 FEET UPON COMPLETION OF DRILLING

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH BENTONITE CHIPS