

PROJECT: GAL-218-4.81		DRILLING FIRM / OPERATOR: ODOT / SPROUSE		DRILL RIG: CME 55 TRUCK		STATION / OFFSET: 253+82, 4' RT.		EXPLORATION ID													
TYPE: CULVERT		SAMPLING FIRM / LOGGER: ODOT / KOLBERG		HAMMER: CME AUTOMATIC		ALIGNMENT: CL SR 218		B-001-0-24													
PID: 120986 SFN: (P) 1996324		DRILLING METHOD: 3.25" HSA		CALIBRATION DATE: 11/7/23		ELEVATION: 660.9 (ft) EOB: 40.0 ft.		PAGE													
START: 8/5/24 END: 8/6/24		SAMPLING METHOD: SPT / ST		ENERGY RATIO (%): 88		LAT / LONG: 38.627476, -82.294524		1 OF 1													
MATERIAL DESCRIPTION AND NOTES		ELEV.	DEPTHS		SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL	
ASPHALT (16")		660.9								GR	CS	FS	SI	CL	LL	PL	PI				
		659.6	1																		
DENSE, BROWN, GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT, LITTLE CLAY, DAMP		657.9	2		10	35	67	SS-1	-	24	14	30	15	17	22	16	6	7	A-2-4 (0)		
			3		10	14															
MEDIUM DENSE, BROWN, COARSE AND FINE SAND, LITTLE SILT, LITTLE GRAVEL AND STONE FRAGMENTS, LITTLE CLAY, DAMP @4.5'; TRACE GRAVEL AND STONE FRAGMENTS			4		10	7	19	SS-2	-	15	23	33	16	13	20	16	4	8	A-3a (0)		
			5		6	5	12	SS-3	-	7	15	45	17	16	20	17	3	14	A-3a (0)		
STIFF, BROWN AND GRAY, SANDY SILT, SOME CLAY, TRACE GRAVEL, MODERATELY ORGANIC (LOI = 4.6%), WET		654.9	6		3	3	9	SS-4	2.00	2	8	37	31	22	24	20	4	22	A-4a (4)		
		653.4	7		3	3															
SOFT, GRAYISH BROWN, SANDY SILT, SOME CLAY, TRACE GRAVEL, WET @8.1'; QU = 562 PSF @ 7.2% STRAIN; γ _d = 96.45 PCF			8					63	ST-5	1.00	2	7	34	33	24	26	19	7	25	A-4a (4)	
			9																		
@9.5'; BROWN AND GRAY, LITTLE GRAVEL, LITTLE CLAY, WET		649.9	10		2	1	3	33	SS-6	-	10	17	33	21	19	22	17	5	24	A-4a (1)	
			11		1	1															
VERY LOOSE, BROWN AND GRAY, COARSE AND FINE SAND, LITTLE SILT, LITTLE CLAY, TRACE GRAVEL, WET			12		1	1	3	33	SS-7	-	1	13	63	13	10	NP	NP	NP	25	A-3a (0)	
		647.4	13																		
SOFT, GRAY AND BLACK, SANDY SILT, LITTLE CLAY, MODERATELY ORGANIC (LOI = 6.4%), WET			14		1	0	1	92	SS-8	0.50	0	1	43	36	20	28	25	3	45	A-4a (4)	
		644.9	15																		
VERY LOOSE, GRAY, COARSE AND FINE SAND, LITTLE SILT, TRACE CLAY, TRACE GRAVEL AND STONE FRAGMENTS, WET			16		1																
			17		1	2	4	86	SS-9	-	5	16	53	16	10	NP	NP	NP	23	A-3a (0)	
		642.4	18																		
MEDIUM STIFF, GRAY OXIDIZING TO BROWN, SANDY SILT, SOME CLAY, TRACE GRAVEL AND STONE FRAGMENTS, WET			19		0	8	13	53	SS-10	0.50	2	0	15	48	35	30	21	9	30	A-4a (8)	
		639.9	20																		
MEDIUM STIFF, GRAY OXIDIZING TO BROWN, SILT, SOME CLAY, LITTLE SAND, WET			21		0																
		637.4	22		0	0	0	100	SS-11	0.50	0	0	18	50	32	28	20	8	27	A-4b (8)	
			23																		
SOFT, GRAY OXIDIZING TO BROWN, SILT AND CLAY, TRACE SAND, MOIST			24		0	0	3	94	SS-12	0.50	0	0	3	50	47	36	23	13	31	A-6a (9)	
			25			2															
			26		0																
			27		0	1	1	100	SS-13	0.50	0	0	4	51	45	35	22	13	30	A-6a (9)	
			28																		
			29		0	0	0	100	SS-14	-	0	0	3	53	44	33	22	11	27	A-6a (8)	
			30																		
			31																		
			32																		
			33																		
@33.5'; MEDIUM STIFF			34		0	1	3	100	SS-15	1.00	0	1	4	49	46	36	21	15	28	A-6a (10)	
			35																		
			36																		
			37																		
		622.4	38																		
MEDIUM STIFF, GRAY, SANDY SILT, SOME CLAY, WET		620.9	39		0	2	9	89	SS-16	0.50	0	0	37	37	26	23	17	6	26	A-4a (6)	
			40			4															

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT.GDT - 3/5/25 10:13 - X:\GINT\PROJECTS\2024 COMPLETE\601148.GPJ

PROJECT: GAL-218-4.81		DRILLING FIRM / OPERATOR: ODOT / SPROUSE		DRILL RIG: CME 55 TRUCK		STATION / OFFSET: 254+18, 9' LT.		EXPLOSION ID													
TYPE: CULVERT		SAMPLING FIRM / LOGGER: ODOT / KOLBERG		HAMMER: CME AUTOMATIC		ALIGNMENT: CL SR 218		B-002-0-24													
PID: 120986 SFN: (P) 1996324		DRILLING METHOD: 3.25" HSA		CALIBRATION DATE: 11/7/23		ELEVATION: 661.7 (ft) EOB: 40.0 ft.		PAGE													
START: 7/31/24 END: 8/5/24		SAMPLING METHOD: SPT / ST		ENERGY RATIO (%): 88		LAT / LONG: 38.627542, -82.294419		1 OF 1													
MATERIAL DESCRIPTION AND NOTES		ELEV.	DEPTHS		SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL	
ASPHALT (24")		661.7																			
		659.7																			
MEDIUM STIFF, REDDISH BROWN, SANDY SILT, SOME GRAVEL, SOME CLAY, DAMP					5																
@3.5'; STIFF					3	2	7	39	SS-1	-	22	14	27	16	21	25	18	7	7	A-4a (0)	
		656.7			2																
					2	3	7	61	SS-2	2.00	24	12	27	15	22	24	17	7	12	A-4a (0)	
MEDIUM DENSE, REDDISH BROWN, GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT, LITTLE CLAY, DAMP					4																
		655.2			8	6	21	64	SS-3	-	23	16	28	17	16	22	19	3	10	A-2-4 (0)	
MEDIUM STIFF, GRAY, SANDY SILT, SOME CLAY, TRACE GRAVEL, DAMP					3																
		653.2	W 654.3		3	4	10	72	SS-4	0.50	2	10	32	33	23	25	19	6	16	A-4a (4)	
MEDIUM STIFF, GRAY, SILT AND CLAY, SOME SAND, TRACE GRAVEL, MODERATELY ORGANIC (LOI = 4.1%), MOIST					1																
		650.7			1	2	4	56	SS-5	0.75	5	6	19	39	31	32	21	11	27	A-6a (7)	
SOFT, GRAY, SILTY SAND, SOME CLAY, SLIGHTLY ORGANIC (LOI = 3.6%), WET					0																
					0	1	1	100	SS-6	0.50	0	2	39	38	21	24	19	5	32	A-4a (5)	
@13.5'; MODERATELY ORGANIC (LOI = 5.2%)																					
		645.7			0																
					0	0	0	100	SS-7	0.50	0	0	38	40	22	27	24	3	45	A-4a (5)	
MEDIUM STIFF, GRAY OXIDIZING TO BROWN, SILT AND CLAY, LITTLE SAND, TRACE GRAVEL, MOIST					0																
		644.2			0	0	0	100	SS-8	0.75	3	1	11	42	43	33	22	11	24	A-6a (8)	
SOFT, GRAY OXIDIZING TO BROWN, SANDY SILT, SOME CLAY, WET																					
@17.9'; QU = 590 PSF @ 11.3% STRAIN; γ _d = 97.98 PCF		642.2	W 642.9					-	ST-9	0.50	0	8	18	40	34	27	20	7	27	A-4a (8)	
SOFT, GRAY OXIDIZING TO BROWN, SILT AND CLAY, TRACE SAND, TRACE GRAVEL, MOIST					0																
					0	0	0	100	SS-10	0.50	2	0	6	45	47	34	23	11	30	A-6a (8)	
@21.0'; NO GRAVEL					0																
					0	2	3	100	SS-11	0.50	0	0	10	54	36	35	22	13	29	A-6a (9)	
@23.5'; MEDIUM STIFF																					
					0																
					0	3	4	100	SS-12	1.00	-	-	-	-	-	-	-	-	29	A-6a (V)	
@26.0'; SOFT, WET																					
					0																
					0	0	0	100	SS-13	0.50	-	-	-	-	-	-	-	-	32	A-6a (V)	
@28.5'; MEDIUM STIFF, LITTLE SAND																					
					0																
					0	2	3	100	SS-14	0.75	0	3	10	46	41	33	21	12	29	A-6a (9)	
@33.5'; SOFT																					
																				</	