

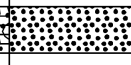

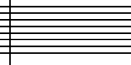
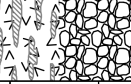
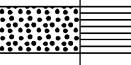



PROJECT: GAL-218-4.81			DRILLING FIRM / OPERATOR: ODOT / SPROUSE			DRILL RIG: CME 55 TRUCK			STATION / OFFSET: 253+82.4' RT.			EXPLORATION ID B-001-0-24														
TYPE: CULVERT			SAMPLING FIRM / LOGGER: ODOT / KOLBERG			HAMMER: CME AUTOMATIC			ALIGNMENT: CL SR 218																	
PID: 120986 SFN: (P) 1996324			DRILLING METHOD: 3.25" HSA			CALIBRATION DATE: 11/7/23			ELEVATION: 660.9 (ft) EOB: 40.0 ft.			PAGE 1 OF 1														
START: 8/5/24 END: 8/6/24			SAMPLING METHOD: SPT / ST			ENERGY RATIO (%): 88			LAT / LONG: 38.627476, -82.294524																	
MATERIAL DESCRIPTION AND NOTES			ELEV.	DEPTHS	SPT/ RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)			ATTERBERG			ODOT CLASS (gl)	BACK FILL									
			660.9							GR	CS	FS	SI	CL	LL	PL	WC									
ASPHALT (16")			659.6	1																						
				2	10	35	67	SS-1	-	24	14	30	15	17	22	16	6	7	A-2-4 (0)							
			657.9	3	10	14																				
				4	10	7	78	SS-2	-	15	23	33	16	13	20	16	4	8	A-3a (0)							
				5	6	5	64	SS-3	-	7	15	45	17	16	20	17	3	14	A-3a (0)							
			654.9	6	3	3	89	SS-4	2.00	2	8	37	31	22	24	20	4	22	A-4a (4)							
			653.4	7	3	3																				
				8			63	ST-5	1.00	2	7	34	33	24	26	19	7	25	A-4a (4)							
				9																						
				10	2	1	33	SS-6	-	10	17	33	21	19	22	17	5	24	A-4a (1)							
			649.9	11	1	3	33	SS-7	-	1	13	63	13	10	NP	NP	25	A-3a (0)								
				12	1	1																				
				13																						
			647.4	14	1	0	92	SS-8	0.50	0	1	43	36	20	28	25	3	45	A-4a (4)							
				15																						
			644.9	16	1	1	86	SS-9	-	5	16	53	16	10	NP	NP	23	A-3a (0)								
				17	1	2																				
			642.4	18																						
				19	0	8	53	SS-10	0.50	2	0	15	48	35	30	21	9	30	A-4a (8)							
				20		1																				
			639.9	21	0	0	100	SS-11	0.50	0	0	18	50	32	28	20	8	27	A-4b (8)							
				22	0	0																				
				23																						
			637.4	24	0	0	94	SS-12	0.50	0	0	3	50	47	36	23	13	31	A-6a (9)							
				25		2																				
				26	0	0																				
				27	0	0	100	SS-13	0.50	0	0	4	51	45	35	22	13	30	A-6a (9)							
				28		1																				
				29	0	0																				
				30	0	0	100	SS-14	-	0	0	3	53	44	33	22	11	27	A-6a (8)							
@33.5"; MEDIUM STIFF				31																						
				32																						
				33																						
				34	0	1	3	100	SS-15	1.00	0	1	4	49	46	36	21	15	28	A-6a (10)						
				35		1																				
				36																						
				37																						
				38																						
				39	0	2	9	89	SS-16	0.50	0	0	37	37	26	23	17	6	26	A-4a (6)						
				40		4																				
				EOB																						

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

NOTES: LAT/LONG FROM JUNIPER GEODE GNS3 RECEIVER. ELEV FROM CONSULTANT SURVEY TIN.  
ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED ASPHALT PATCH; AUGER CUTTINGS MIXED WITH 12 LB. BENTONITE CHIPS



DESIGN AGENCY

DESIGNER

ARR

REVIEWER

SAT 03/05/25

PROJECT ID

120986

SUBSET

1

TOTAL

2

SHEET

P.46

TOTAL

49

GEOTECHNICAL EXPLORATION

CULVERT AT GAL-218-4.81 OVER UNT TO INDIAN GUYAN CREEK

BORING LOG FOR B-001-0-24

PROJECT: GAL-218-4.81			DRILLING FIRM / OPERATOR: ODOT / SPROUSE			DRILL RIG: CME 55 TRUCK			STATION / OFFSET: 254+18.9' L.T.					EXPLORATION ID B-002-0-24					
TYPE: CULVERT			SAMPLING FIRM / LOGGER: ODOT / KOLBERG			HAMMER: CME AUTOMATIC			ALIGNMENT: CL SR 218					PAGE 1 OF 1					
PID: 120986 SFN: (P) 1996324			DRILLING METHOD: 3.25" HSA			CALIBRATION DATE: 11/7/23			ELEVATION: 661.7 (ft) EOB: 40.0 ft.										
START: 7/31/24 END: 8/5/24			SAMPLING METHOD: SPT / ST			ENERGY RATIO (%): 88			LAT / LONG: 38.627542, -82.294419										
MATERIAL DESCRIPTION AND NOTES			ELEV.	DEPTHS	SPT/ RQD	N <sub>60</sub>	REC SAMPLE ID (%)	HP (tsf)	GRADATION (%)					ODOT CLASS (GI)		BACK FILL			
									GR	CS	FS	SI	CL	LL	PL		WC		
ASPHALT (24")			661.7	1	1	1	1	1	1	1	1	1	1	1	1	1			
MEDIUM STIFF, REDDISH BROWN, SANDY SILT, SOME GRAVEL, SOME CLAY, DAMP @3.5'; STIFF			659.7	2	5	3	7	39	SS-1	22	14	27	16	21	25	18	7	A-4a (0)	
MEDIUM DENSE, REDDISH BROWN, GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT, LITTLE CLAY, DAMP			656.7	3	2	2	7	61	SS-2	24	12	27	15	22	24	17	7	A-4a (0)	
MEDIUM STIFF, GRAY, SANDY SILT, SOME CLAY, TRACE GRAVEL, DAMP			655.2	4	8	21	64	SS-3	23	16	28	17	16	22	19	3	10	A-2-4 (0)	
MEDIUM STIFF, GRAY, SILT AND CLAY, SOME SAND, TRACE GRAVEL, MODERATELY ORGANIC (LOI = 4.1%), MOIST			653.2	5	3	10	72	SS-4	2	10	32	33	23	25	19	6	16	A-4a (4)	
SOFT, GRAY, SILTY SAND, SOME CLAY, SLIGHTLY ORGANIC (LOI = 3.6%), WET @13.5'; MODERATELY ORGANIC (LOI = 5.2%)			650.7	6	1	4	56	SS-5	5	6	19	39	31	32	21	11	27	A-6a (7)	
MEDIUM STIFF, GRAY OXIDIZING TO BROWN, SILT AND CLAY, LITTLE SAND, TRACE GRAVEL, MOIST			645.7	7	0	1	100	SS-6	0	2	39	38	21	24	19	5	32	A-4a (5)	
SOFT, GRAY OXIDIZING TO BROWN, SANDY SILT, SOME CLAY, WET @17.9'; QU = 590 PSF @ 11.3% STRAIN; γ <sub>d</sub> = 97.98 PCF			644.2	8	0	0	100	SS-7	0	0	38	40	22	27	24	3	45	A-4a (5)	
SOFT, GRAY OXIDIZING TO BROWN, SILT AND CLAY, TRACE SAND, TRACE GRAVEL, MOIST @21.0'; NO GRAVEL			642.2	9	0	0	-	ST-9	0	8	18	40	34	27	20	7	27	A-4a (8)	
@23.5'; MEDIUM STIFF				10	0	0	100	SS-10	2	0	6	45	47	34	23	11	30	A-6a (8)	
@26.0'; SOFT, WET				11	0	3	100	SS-11	0	0	10	54	36	35	22	13	29	A-6a (9)	
@28.5'; MEDIUM STIFF, LITTLE SAND				12	0	4	100	SS-12	1.00	-	-	-	-	-	-	-	29	A-6a (V)	
@33.5'; SOFT				13	0	0	78	SS-13	0.50	-	-	-	-	-	-	-	32	A-6a (V)	
				14	0	3	100	SS-14	0.75	0	3	10	46	41	33	21	12	29	A-6a (9)
				15	0	0	-	SS-15	0.50	1	1	12	48	38	32	21	11	31	A-6a (8)
				16	0	0	-	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				17	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				18	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				19	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				20	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				21	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				22	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				23	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				24	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				25	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				26	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				27	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				28	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				29	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				30	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				31	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				32	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				33	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				34	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				35	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				36	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				37	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				38	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				39	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				40	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				41	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				42	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				43	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				44	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				45	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				46	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				47	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				48	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				49	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				50	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				51	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				52	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				53	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				54	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				55	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				56	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				57	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				58	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				59	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				60	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				61	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				62	1	4	61	SS-16	-	0	51	28	13	8	18	16	2	19	A-1-b (0)
				63	1	4													

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

NOTES: HOLE DRY UPON COMPLETION. LAT/LONG FROM JUNIPER GEODE GNS3 RECEIVER. ELEV FROM CONSULTANT SURVEY TIN. ABANDONMENT METHODS, MATERIALS, QUANTITIES: ASPHALT PATCH; AUGER CUTTINGS MIXED WITH 12 LB. BENTONITE CHIPS