

PROJECT: JAC-788-0.87		DRILLING FIRM / OPERATOR: ODOT / CAREY		DRILL RIG: CME 55 TRUCK		STATION / OFFSET: 475+06, 7' LT.		EXPLORATION ID														
TYPE: BRIDGE		SAMPLING FIRM / LOGGER: ODOT / SPROUSE		HAMMER: CME AUTOMATIC		ALIGNMENT: CL SR 788		B-001-0-23														
PID: 115771 SFN: 4004330 (P)		DRILLING METHOD: 3.25" HSA / NQ2		CALIBRATION DATE: 11/7/23		ELEVATION: 659.9 (ft) EOB: 51.5 ft.		PAGE														
START: 12/18/23 END: 12/19/23		SAMPLING METHOD: SPT / NQ2		ENERGY RATIO (%): 88		LAT / LONG: 39.062507, -82.623123		1 OF 1														
MATERIAL DESCRIPTION AND NOTES			ELEV.	DEPTHS		SPT/ RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL	
ASPHALT (17")			659.9								GR	CS	FS	SI	CL	LL	PL	PI				
			658.5	1																		
STIFF, BROWN, SANDY SILT, LITTLE CLAY, TRACE STONE FRAGMENTS, DAMP				2		6	3	10	33	SS-1	1.25	1	6	47	31	15	21	18	3	15	A-4a (2)	
				3			4															
@3.5'; SOME CLAY, MOIST				4		1	2	9	44	SS-2	1.75	2	3	23	45	27	27	20	7	22	A-4a (7)	
				5			4															
@6.0'; VERY STIFF, BROWN AND GRAY, CONTAINS SLAG			▽ 653.2	6		7																
				7			5	13	56	SS-3	3.50	-	-	-	-	-	-	-	20	A-4a (V)		
				8																		
@8.0'; SOFT, LITTLE CLAY, WET				9		0	1	4	89	SS-4	0.25	3	10	46	25	16	20	17	3	23	A-4a (1)	
				10																		
@9.5'; STIFF, BROWN, SOME CLAY, NO STONE FRAGMENTS				11		0	0	0	44	SS-5	1.25	0	2	42	32	24	25	19	6	24	A-4a (4)	
				12			0															
				13		1	3	9	89	SS-6	1.25	0	1	50	27	22	24	19	5	22	A-4a (3)	
				14			3															
@14.0'; SOFT, BROWN AND GRAY, TRACE STONE FRAGMENTS				15		0	0	3	100	SS-7	1.25	0	2	55	25	18	22	18	4	24	A-4a (2)	
			643.9	16			2	4	100	SS-8	0.25	1	8	51	21	19	25	18	7	27	A-4a (1)	
MEDIUM STIFF, GRAY, SILT, "AND" CLAY, TRACE SAND, MOIST				17		0	0	6	100	SS-9	1.00	0	0	5	55	40	32	23	9	27	A-4b (8)	
			641.4	18			4															
MEDIUM STIFF, GRAY, SANDY SILT, LITTLE CLAY, WET				19		0	0	0	100	SS-10	0.75	0	1	32	49	18	22	19	3	25	A-4a (6)	
				20			0															
@21.0'; VERY SOFT, TRACE STONE FRAGMENTS			W 638.5	21		0																
				22		0	0	1	100	SS-11	0.25	1	8	46	29	16	20	17	3	30	A-4a (2)	
				23			1															
@23.5'; MEDIUM STIFF, GRAY MOTTLED WITH BROWN, SOME CLAY, NO STONE FRAGMENTS				24		0	0	0	100	SS-12	0.75	0	1	29	44	26	24	19	5	23	A-4a (7)	
				25			0															
@26.0'; STIFF				26		0																
			631.4	27		0	2	9	100	SS-13	1.00	-	-	-	-	-	-	-	-	26	A-4a (V)	
				28			4															
MEDIUM DENSE, GRAY AND BROWN, SANDY SILT, SOME STONE FRAGMENTS, TRACE CLAY, WET				29		7	8	28	67	SS-14	-	21	4	39	27	9	NP	NP	NP	17	A-4a (0)	
			628.9	30			11															
STIFF, GRAY, SILT, SOME SAND, SOME CLAY, TRACE STONE FRAGMENTS, MOIST			W 628.6	31		4	3	12	78	SS-15	1.50	-	-	-	-	-	-	-	-	21	A-4b (V)	
				32			5															
@33.5'; MEDIUM STIFF, WET				33																		
				34		0	0	6	89	SS-16	0.75	1	2	25	50	22	25	20	5	27	A-4b (7)	
			623.9	35			4															
VERY STIFF, GRAY AND BROWN, SANDY SILT, LITTLE CLAY, TRACE STONE FRAGMENTS, MOIST				36		4	12	41	100	SS-17	3.50	9	4	38	33	16	20	17	3	18	A-4a (3)	
			621.4	37			16															
SANDSTONE, YELLOW AND GRAY, HIGHLY WEATHERED, WEAK, FINE GRAINED.			TR	38																		
				39		48																
@41.0'; GRAY.				40		55/4"	-	100	SS-18	-	-	-	-	-	-	-	-	-	11	Rock (V)		
SANDSTONE, LIGHT OLIVE GRAY, HIGHLY WEATHERED, WEAK, FINE TO MEDIUM GRAINED, THIN BEDDED, FRIABLE, ARGILLACEOUS, JOINT, FRACTURED TO MODERATELY FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR TO GOOD; RQD 65%, REC 100%.				41																		
@42.8' - 43.5'; SEVERELY WEATHERED, VERY WEAK			618.4	42		53/4"	-	100	SS-19	-	-	-	-	-	-	-	-	-	7	Rock (V)		
@43.0' - 43.4'; γ = 153 pcf; Qu = 10 psi				43																		
				44			62		100	NQ2-1											CORE	
@47.0' - 47.4'; γ = 158 pcf; Qu = 1,149 psi				45																		
				46																		
				47																		
			610.1	48																		
SHALE, BLACK, HIGHLY WEATHERED, WEAK, LAMINATED, JOINT, HIGHLY FRACTURED TO FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR; RQD 40%, REC 100%.				49			60		100	NQ2-2											CORE	
@50.2' - 50.5'; SANDSTONE LAYER				50																		
@50.7'; MODERATELY WEATHERED, MODERATELY STRONG.			608.4	51																		
				EOB																		

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 100 LB. BENTONITE CHIPS

PROJECT: JAC-788-0.87		DRILLING FIRM / OPERATOR: ODOT / CAREY		DRILL RIG: CME 55 TRUCK		STATION / OFFSET: 475+69, 6' RT.		EXPLORATION ID												
TYPE: BRIDGE		SAMPLING FIRM / LOGGER: ODOT / SPROUSE		HAMMER: CME AUTOMATIC		ALIGNMENT: CL SR 788		B-002-0-23												
PID: 115771 SFN: 4004330 (P)		DRILLING METHOD: 3.25" HSA / NQ2		CALIBRATION DATE: 11/7/23		ELEVATION: 660.1 (ft) EOB: 49.0 ft.		PAGE												
START: 12/19/23 END: 12/20/23		SAMPLING METHOD: SPT / NQ2		ENERGY RATIO (%): 88		LAT / LONG: 39.062537, -82.622902		1 OF 1												
MATERIAL DESCRIPTION AND NOTES		ELEV.	DEPTHS		SPT/RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL
		660.1								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (17")																				
		658.7																		
MEDIUM DENSE, BLACK, GRAY AND BROWN, <b>STONE FRAGMENTS WITH SAND AND SILT</b> , CONTAINS SLAG, DAMP					10	19	44	SS-1	-	40	12	19	22	7	28	25	3	14	A-2-4 (0)	
		656.6			8															
STIFF, GRAY, <b>SANDY SILT</b> , SOME CLAY, WET					5															
					2	7	56	SS-2	1.25	1	1	25	48	25	27	20	7	27	A-4a (8)	
					3															
@6.0'; MEDIUM STIFF					2															
					3															
		652.1			1	6	78	SS-3	0.75	-	-	-	-	-	-	-	-	28	A-4a (V)	
					1															
MEDIUM DENSE, GRAY, <b>SANDY SILT</b> , TRACE CLAY, DAMP			▽ 651.7		9	26	67	SS-4	-	0	3	56	31	10	NP	NP	NP	14	A-4a (1)	
		650.6			11	7														
STIFF, MOTTLED BROWN AND GRAY, <b>SANDY SILT</b> , SOME CLAY, WET					2	7	72	SS-5	1.75	0	0	33	45	22	25	18	7	23	A-4a (6)	
					2															
					3															
@12.5'; SOFT, BROWN, LITTLE CLAY, TRACE STONE FRAGMENTS					0	7	100	SS-6	1.25	0	0	34	46	20	25	18	7	25	A-4a (6)	
					2															
		646.1	W 646.3		0															
			W 645.8		0															
VERY LOOSE, GRAY, <b>SANDY SILT</b> , TRACE CLAY, WET					0	0	89	SS-7	0.50	1	1	47	37	14	22	18	4	26	A-4a (3)	
					0															
					1	3	100	SS-8	-	0	2	54	35	9	NP	NP	NP	27	A-4a (2)	
		644.1			1															
VERY SOFT, GRAY, <b>SILT</b> , SOME SAND, SOME CLAY, WET					0															
					0	0	100	SS-9	0.25	0	1	26	51	22	21	18	3	25	A-4b (8)	
					0															
					0	0	89	SS-10	0.25	-	-	-	-	-	-	-	-	25	A-4b (V)	
					0															
@21.0'; SOFT					0	0	100	SS-11	0.50	0	0	20	55	25	25	20	5	28	A-4b (8)	
					0															
		636.6			0															
STIFF, GRAY, <b>SANDY SILT</b> , LITTLE CLAY, WET					0	0	89	SS-12	1.25	0	1	44	40	15	20	17	3	26	A-4a (4)	
					0															
					0	0	100	SS-13	0.75	0	1	38	41	20	23	19	4	24	A-4a (5)	
@26.0'; MEDIUM STIFF					0															
					0															
		631.6			0															
VERY LOOSE, BROWN AND GRAY, <b>COARSE AND FINE SAND</b> , LITTLE SILT, TRACE CLAY, WET					1	3	100	SS-14	-	0	13	61	19	7	NP	NP	NP	26	A-3a (0)	
					1															
		626.6																		
MEDIUM DENSE, BROWN, <b>STONE FRAGMENTS WITH SAND AND SILT</b> , TRACE CLAY, MOIST					6	22	61	SS-15	-	21	12	33	26	8	21	19	2	16	A-2-4 (0)	
					6															
					9															
		621.6																		
<b>SANDSTONE</b> , YELLOWISH BROWN WITH LIGHT GRAY, HIGHLY WEATHERED, MODERATELY STRONG, FINE TO MEDIUM GRAINED, THIN BEDDED, SLIGHTLY ARGILLACEOUS, FRIABLE, JOINT, HIGHLY FRACTURED TO FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR TO GOOD; RQD 12%, REC 100%. @41.3' - 41.4'; CLAY SEAM			TR		50/3"	-	100	SS-16	-	-	-	-	-	-	-	-	-	11	Rock (V)	
		617.7			33		100	NQ2-1											CORE	
<b>SANDSTONE</b> , LIGHT GRAY, MODERATELY WEATHERED, STRONG, FINE TO MEDIUM GRAINED, THIN BEDDED, SLIGHTLY MICACEOUS, JOINT, MODERATELY FRACTURED, TIGHT TO NARROW, ROUGH TO SLIGHTLY ROUGH; BLOCKY, GOOD; RQD 62%, REC 100%. @ 42.4' - 42.8'; γ = 150 pcf; Qu = 10,725 psi @44.9' - 45.4'; COAL SEAM																				
		611.1	EOB																	

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 100 LB. BENTONITE CHIPS

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT.GDT - 4/4/25 07:55 - X:\GINT\PROJECTS\2024 COMPLETE\601113.GPJ

A photograph of a wooden crate containing several long, cylindrical, light-colored objects, likely ancient scrolls or artifacts, arranged horizontally. A yellow measuring tape is placed across the middle of the crate, showing measurements in inches. Labels are visible on the crate: "B-R-1 41.5" on the top left, "B-R-2 46.5" and "E-R-1" on the middle, and "E-R-2 51.5" on the bottom right. The objects are secured by wooden strips and appear to be wrapped in a light-colored material.

Run #:	Depth		Recovery		RQD	
NQ2-1	41.5'	46.5'	60/60	100%	37/60	62%
NQ2-2	46.5'	51.5'	60/60	100%	36/60	60%
JAC-788-0.87 PID 115771						



B-002-0-23



Run #:	Depth		Recovery		RQD	
NQ2-1	39.0'	44.0'	60/60	100%	20/60	33%
NQ2-2	44.0'	49.0'	60/60	100%	34/60	57%
JAC-788-0.87 PID 115771						