

PROJECT: LIC-310-00.74		DRILLING FIRM / OPERATOR: ODOT / CAREY		DRILL RIG: CME 75 TRUCK		STATION / OFFSET: 26+65, 25' RT.		EXPLORATION ID: B-008-0-14													
TYPE: STRUCTURE FOUNDATION		SAMPLING FIRM / LOGGER: ODOT / MCLEISH		HAMMER: CME AUTOMATIC		ALIGNMENT: CL SR 310		PAGE: 1 OF 2													
PID: 87935 SFN: 4505646 (E)		DRILLING METHOD: 3.25" HSA		CALIBRATION DATE: 5/7/13		ELEVATION: 1091.7 (MSL) EOB: 91.5 ft.		LAT / LONG: 39.949159, -82.682546													
START: 8/13/14 END: 8/14/14		SAMPLING METHOD: SPT		ENERGY RATIO (%): 90*																	
MATERIAL DESCRIPTION AND NOTES			ELEV.	DEPTHS	SPT/RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG				ODOT CLASS (GI)	HOLE SEALED	
										GR	CS	FS	SI	CL	LL	PL	PI	WC			
ASPHALT (8") & BASE (6")			1091.7	1																	
VERY STIFF TO HARD, GRAY WITH BROWN, SANDY SILT, SOME CLAY, LITTLE TO SOME GRAVEL, DAMP TO MOIST			1090.5	2	4	5	14	56	SS-1	-	-	-	-	-	-	-	-	-	15		A-4a (V)
				3																	
				4	1	3	6	44	SS-2	2.00	30	10	11	27	22	28	19	9	20		A-4a (3)
				5																	
				6	3	6	21	44	SS-3	3.25	18	6	13	33	30	29	19	10	16		A-4a (6)
				7																	
				8																	
				9	4	6	21	50	SS-4	4.00	-	-	-	-	-	-	-	-	18		A-4a (V)
				10																	
				11	1	2	8	44	SS-5	2.00	-	-	-	-	-	-	-	-	13		A-4a (V)
				12																	
				13																	
				14	9	11	36	100	SS-6	4.5+	21	9	13	33	24	21	17	4	11		A-4a (4)
				15																	
@ 16', GRAY				16	2	5	18	61	SS-7	4.00	13	8	12	40	27	23	19	4	18		A-4a (6)
				17																	
				18																	
				19	6	7	23	67	SS-8	3.75	-	-	-	-	-	-	-	-	13		A-4a (V)
				20																	
MEDIUM DENSE, GRAY, GRAVEL WITH SAND, LITTLE SILT, TRACE CLAY, MOIST TO WET			1071.7	21	0	4	17	56	SS-9	-	-	-	-	-	-	-	-	-	17		A-1-b (V)
				22																	
				23																	
				24																	
				25	8	5	17	100	SS-10	-	34	31	15	14	6	NP	NP	NP	14		A-1-b (0)
				26																	
				27																	
				28																	
				29																	
				30	2	4	14	39	SS-11	-	-	-	-	-	-	-	-	-	13		A-1-b (V)
				31																	
LOOSE, GRAY, SANDY SILT, LITTLE GRAVEL, TRACE CLAY, WET			1060.2	32																	
				33																	
				34																	
				35	1	1	8	56	SS-12	-	17	1	24	49	9	NP	NP	NP	20		A-4a (5)
				36																	
LOOSE, GRAY, GRAVEL WITH SAND, TRACE SILT, TRACE CLAY, WET			1055.2	37																	
				38																	
				39																	
				40	1	3	9	44	SS-13	-	48	20	25	5	2	NP	NP	NP	16		A-1-b (0)
				41																	
STIFF TO VERY STIFF, GRAY AND BROWN, SILT, "AND" CLAY, TRACE SAND, WET			1050.2	42																	
				43																	
				44																	
				45	1	6	23	22	SS-14	-	-	-	-	-	-	-	-	-	21		A-4b (V)
				46																	
				47																	
				48																	
				49																	
				50	6	6	23	78	SS-15	2.00	0	1	1	60	38	26	20	6	22		A-4b (8)
				51																	
				52																	
				53																	
				54																	
@ 55', GRAY				55	1	3	14	78	SS-16	1.50	-	-	-	-	-	-	-	-	22		A-4b (V)
				56																	
				57																	
				58																	
				59																	

STANDARD ODOT SOIL BORING LOG (11 X 17) - CH DOT.GDT - 1/18/19 11:09 - X:\DESIGN\CADD STANDARDS\SAMPLE PLANS\2019_EDITS\LIC-310-0-7A\GEOTECHNICALLAB_DATA\100420.GPJ

▼ 18 hrs

PID: 87935		SFN: 4505646 (E)		PROJECT: LIC-310-00.74		STATION / OFFSET: 26+65, 25' RT.		START: 8/13/14		END: 8/14/14		PG 2 OF 2		B-008-0-14							
MATERIAL DESCRIPTION AND NOTES			ELEV.	DEPTH	SPT/RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	HOLE SEALED		
										GR	CS	FS	SI	CL	LL	PL	PI	WC			
STIFF TO VERY STIFF, GRAY AND BROWN, SILT, "AND" CLAY, TRACE SAND, WET (continued) @ 60', SOME CLAY			1031.7	61	4 7 9	24	100	SS-17	1.50	0	1	3	73	23	NP	NP	NP	20	A-4b (8)		
STIFF, GRAY, SANDY SILT, LITTLE STONE FRAGMENTS, LITTLE CLAY, MOIST TO WET			1030.2	62																	
				63																	
				64																	
				65	10 15 21	54	100	SS-18	-	15	9	26	37	13	NP	NP	NP	15	A-4a (3)		
				66																	
				67																	
				68																	
				69																	
			1020.2	70	5 8 15	35	100	SS-19	-	-	-	-	-	-	-	-	-	24	A-4a (V)		
VERY LOOSE TO LOOSE, GRAY WITH BROWN, STONE FRAGMENTS WITH SAND AND SILT, TRACE CLAY, MOIST				71																	
				72																	
				73																	
				74																	
				75	0 1 2	5	28	SS-20	-	45	5	16	28	6	NP	NP	NP	19	A-2-4 (0)		
				76																	
				77																	
				78																	
				79																	
@ 80.2', BOULDER ENCOUNTERED				80	50/4"	-	100	SS-21A SS-21B	-	-	-	-	-	-	-	-	-	21 10	A-2-4 (V) Rock (V)		
				81																	
				82																	
				83																	
				84																	
@ 85', VERY DENSE				85	50/5"	-	100	SS-22	-	-	-	-	-	-	-	-	-	17	A-2-4 (V)		
				86																	
				87																	
				88																	
				89																	
			1000.2	90	26 30 36	99	100	SS-23	-	-	-	-	-	-	-	-	-	20	A-2-4 (V)		
				91																	

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EOB

NOTES: SAND HEAVE @ 22' (7.1'), 25.5' (5'), 31.5' (2'), 35' (1.5'), 40' (1.5'), AND 45' (1.5'). BORING LOCATIONS FROM DISTRICT SURVEY.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: 100 LB. BENTONITE CHIPS; TREMIED 200 LB. BENTONITE POWDER; 47 LB. CEMENT; 120 GAL. WATER