

PROJECT: WAS-77-09.58		DRILLING FIRM / OPERATOR:CENTRAL STAR / T.S				DRILL RIG: DIEDRICH D-50				STATION / OFFSET: 504+48, 243' LT.				EXPLORATION ID						
TYPE: RETAINING WALL		SAMPLING FIRM / LOGGER: HDR / A.K.B.				HAMMER: DIEDRICH AUTOMATIC				ALIGNMENT: I-77				B-005-0-23						
PID: 115420 SFN:		DRILLING METHOD: 3.25" HSA / NQ2				CALIBRATION DATE: 3/7/22				ELEVATION: 858.7 (MSL) EOB: 69.1 ft.				PAGE						
START: 7/17/23 END: 7/17/23		SAMPLING METHOD: SPT / ST / NQ2				ENERGY RATIO (%): 86.8				LAT / LONG: 39.532305, -81.445576				1 OF 2						
MATERIAL DESCRIPTION AND NOTES		ELEV.	DEPTHS		SPT/ RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	HOLE SEALED
		858.7								GR	CS	FS	SI	CL	LL	PL	PI			
TOPSOIL (2")		858.5																		
MEDIUM STIFF TO STIFF, BROWN, CLAY, "AND" SILT, LITTLE SAND, TRACE STONE FRAGMENTS, DAMP (FILL)			1	3																
			2	2 2	6	72	SS-1	1.50	6	7	10	38	39	41	21	20	17	A-7-6 (12)		
			3																	
			4	4 3 3	9	17	SS-2	-	-	-	-	-	-	-	-	-	24	A-7-6 (V)		
		852.7																		
STIFF, RED-BROWN, SILTY CLAY, LITTLE SAND, TRACE STONE FRAGMENTS, DAMP (FILL)			6	4 4 4	12	67	SS-3	1.00	5	8	12	35	40	38	21	17	21	A-6b (11)		
		850.2																		
SOFT TO MEDIUM STIFF, RED-BROWN, SILTY CLAY, LITTLE SAND, TRACE STONE FRAGMENTS, DAMP (FILL)			9	2 2 3	7	72	SS-4	0.50	4	8	11	40	37	38	21	17	21	A-6b (11)		
			10																	
			11	2 1 3	6	83	SS-5	0.25	-	-	-	-	-	-	-	-	23	A-6b (V)		
			12																	
			13																	
@13.9' - 14.4': Qu = 2998 psf, γ = 138 pcf		843.2					58	ST-6	1.25	3	2	9	53	33	36	19	17	15	A-6b (11)	
			15																	
MEDIUM STIFF TO STIFF, RED-BROWN, CLAY, SOME SILT, LITTLE STONE FRAGMENTS, LITTLE SAND, DAMP (FILL)			16	2 4 6	14	89	SS-7	0.75	12	7	6	29	46	50	22	28	21	A-7-6 (17)		
			17																	
			18																	
			19	3 3 5	12	94	SS-8	1.00	-	-	-	-	-	-	-	-	17	A-7-6 (V)		
			20																	
			21																	
			22																	
		835.2																		
VERY STIFF, BROWN, SILT AND CLAY, LITTLE SAND, TRACE STONE FRAGMENTS, DAMP (FILL)			24	5 6 9	22	6	SS-9	-	1	6	11	36	46	-	-	-	19	A-6a (V)		
			25																	
			26																	
			27																	
		830.2																		
MEDIUM DENSE, RED-BROWN TO BROWN, STONE FRAGMENTS WITH SAND, SILT, AND CLAY, DAMP (FILL)			29	8 10 11	30	94	SS-10	1.50	48	13	8	18	13	33	20	13	9	A-2-6 (0)		
			30																	
			31																	
			32																	
		825.2																		
STIFF TO VERY STIFF, RED-BROWN, TRACE GRAY, SILTY CLAY, LITTLE SAND, TRACE STONE FRAGMENTS, DAMP			34	5 6 8	20	94	SS-11	1.75	3	7	9	45	36	38	21	17	17	A-6b (11)		
			35																	
			36																	
			37																	
		820.2																		
VERY STIFF, RED-BROWN, TRACE GRAY, CLAY, "AND" SILT, SOME SAND, DAMP			39	4 6 8	20	100	SS-12	2.50	0	2	21	36	41	42	23	19	20	A-7-6 (12)		
			40																	
			41																	
			42																	
		815.2																		
HARD, PURPLE, BROWN, AND GRAY, CLAY, "AND" SILT, TRACE SAND, TRACE GRAVEL, DAMP			44	7 16 42	84	100	SS-13	4.5+	2	4	6	41	47	43	23	20	23	A-7-6 (13)		
@45': added water to aid drilling			45																	
			46																	
			47																	
		810.2																		
CLAYSTONE, PURPLE, BROWN, AND GRAY, SEVERELY WEATHERED, VERY WEAK.		809.7	TR	49	50/3"	-	100	SS-14	-	1	4	7	46	42	30	18	12	10	Rock (V)	
CLAYSTONE, RED-BROWN, SEVERELY TO HIGHLY WEATHERED, VERY WEAK, THICK BEDDED, JOINT DISCONTINUITIES, MODERATELY FRACTURED TO FRACTURED, OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, POOR SURFACE; RQD 64%, REC 100%.		807.3		50																
CLAYSTONE, RED-BROWN, MODERATELY WEATHERED, WEAK, THICK TO VERY THICK BEDDED, JOINT DISCONTINUITIES, SLIGHTLY TO MODERATELY FRACTURED, OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, FAIR SURFACE; RQD 100%, REC 100%.				51	84		100	NQ2-1											CORE	
@53.2' - 53.6': Qu = 1129 psf, γ = 158 pcf				52																
				53																
				54																
		800.8		55																
				56																
				57																
				58	80		91	NQ2-2											CORE	
				59																

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH.DOT.GDT - 9/5/23 13:03 - C:\P\WORKING\EAST01\D338664\WAS-77-9.58 BORING LOGS.GPJ

PID: 115420	SFN:	PROJECT: WAS-77-09.58	STATION / OFFSET: 504+48, 243' LT.				START: 7/17/23		END: 7/17/23		PG 2 OF 2		B-005-0-23									
MATERIAL DESCRIPTION AND NOTES			ELEV.	DEPTHS		SPT/ RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	HOLE SEALED	
<div>INTERBEDDED SANDSTONE (80%) AND CLAYSTONE (20%), JOINT AND BEDDING DISCONTINUITIES, FRACTURED, NARROW TO OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY/DISTURBED/SEAMY STRUCTURE, VERY POOR TO POOR SURFACE, RQD 91%, REC. 100%;</div> <div>SANDSTONE, GRAY TO BROWN, HIGHLY WEATHERED, SLIGHTLY STRONG, VERY THIN TO THIN BEDDED;</div> <div>CLAYSTONE, RED-BROWN TO GRAY, SEVERELY TO HIGHLY WEATHERED, VERY WEAK, LAMINATED TO VERY THIN BEDDED. (continued)</div> <div>CLAYSTONE, PURPLE, GREEN, AND BROWN, SEVERELY TO HIGHLY WEATHERED, VERY WEAK, VERY THIN BEDDED, JOINT AND BEDDING DISCONTINUITIES, FRACTURED TO HIGHLY FRACTURED, OPEN APERTURE WIDTH, SLICKENSIDED TO SLIGHTLY ROUGH SURFACE, BLOCKY/DISTURBED/SEAMY STRUCTURE, VERY POOR SURFACE; RQD 17%, REC 66%.</div> <div>CLAYSTONE, RED-BROWN, MODERATELY WEATHERED, VERY WEAK, THICK TO VERY THICK BEDDED, JOINT DISCONTINUITIES, MODERATELY FRACTURED TO FRACTURED, NARROW TO OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, FAIR SURFACE; RQD 86%, REC 100%.</div>			798.7																			
			798.1																			
				61																		
				62																		
			795.7	63																		
				64																		
				65																		
				66	78		99	NQ2-3												CORE		
				67																		
				68																		
	69																					
			EOB																			
NOTES: NONE																						
ABANDONMENT METHODS, MATERIALS, QUANTITIES: TREMIED 25 LB. BENTONITE POWDER; 94 LB. CEMENT; 50 GAL. WATER																						

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT.GDT - 9/5/23 13:03 - C:\P\WORKING\EA\ST01\D338664\WAS-77-9.58 BORING LOGS.GPJ

PROJECT: WAS-77-09.58		DRILLING FIRM / OPERATOR:CENTRAL STAR / T.S		DRILL RIG: DIEDRICH D-50		STATION / OFFSET: 504+40, 322' LT.				EXPLORATION ID											
TYPE: RETAINING WALL		SAMPLING FIRM / LOGGER: HDR / D.C.M.		HAMMER: DIEDRICH AUTOMATIC		ALIGNMENT: I-77				B-006-0-23											
PID: 115420 SFN:		DRILLING METHOD: 3.25" HSA		CALIBRATION DATE: 3/7/22		ELEVATION: 839.8 (MSL) EOB: 37.7 ft.				PAGE											
START: 7/12/23 END: 7/12/23		SAMPLING METHOD: SPT / ST		ENERGY RATIO (%): 86.8		LAT / LONG: 39.532204, -81.445824				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)	HOLE SEALED
		839.8								GR	CS	FS	SI	CL	LL	PL	PI				
MEDIUM STIFF TO STIFF, RED-BROWN, <b>SILTY CLAY</b> , SOME SAND, TRACE STONE FRAGMENTS, DAMP			1		1	2	7	100	SS-1	2.00	-	-	-	-	-	-	-	19	A-6b (V)		
			2			3															
			3		3	3	9	89	SS-2	2.50	3	10	12	38	37	40	21	19	18	A-6b (12)	
			4																		
			5		3																
			6		3	4	10	89	SS-3	1.50	-	-	-	-	-	-	-	20	A-6b (V)		
			7																		
STIFF TO VERY STIFF, RED-BROWN, TRACE GRAY AND LIGHT BROWN, <b>SILTY CLAY</b> , LITTLE SAND, TRACE STONE FRAGMENTS, DAMP		831.8	8		10	7	20	100	SS-4	2.00	2	7	12	44	35	38	21	17	16	A-6b (11)	
			9			7															
			10		11																
			11		10	8	26	89	SS-5	3.00	-	-	-	-	-	-	-	14	A-6b (V)		
			12																		
			13		5	3	10	89	SS-6	3.00	-	-	-	-	-	-	-	16	A-6b (V)		
			14			4															
MEDIUM STIFF TO STIFF, RED-BROWN, TRACE LIGHT BROWN, <b>SILTY CLAY</b> , SOME SAND, TRACE STONE FRAGMENTS, DAMP		824.3	15		4																
			16		4	5	13	100	SS-7	0.50	5	9	13	39	34	38	21	17	19	A-6b (10)	
			17																		
MEDIUM STIFF TO STIFF, RED-BROWN, TRACE LIGHT BROWN, <b>SILT AND CLAY</b> , LITTLE STONE FRAGMENTS, LITTLE SAND, DAMP		819.8	18		4	4	13	100	SS-8	0.50	-	-	-	-	-	-	-	20	A-6b (V)		
			19			5															
			20																		
			21					92	ST-9	0.50	12	9	11	38	30	38	23	15	18	A-6a (9)	
STIFF TO VERY STIFF, RED-BROWN, <b>SILT AND CLAY</b> , LITTLE SAND, DAMP @25': 2" of black plastic/tar/rubber, 1" of rounded 1/4" gravel		814.8	22		50/3"		-	100	SS-10	-	-	-	-	-	-	-	-	23	A-6a (V)		
			23																		
			24																		
			25		19	5			SS-11A	-	-	-	-	-	-	-	-	-			
			26			5	14	100	SS-11B	3.00	0	5	13	47	35	34	21	13	18	A-6a (9)	
			27																		
			28																		
HARD, RED-BROWN, <b>SILT AND CLAY</b> , LITTLE SAND, DAMP (RESIDUUM)		809.8	29																		
			30		6	7	33	100	SS-12	4.00	0	6	6	43	45	34	21	13	19	A-6a (9)	
			31			16															
			32																		
			33																		
			34																		
			35	TR	50/3"		-	33	SS-13	-	-	-	-	-	-	-	-	6	Rock (V)		
<b>CLAYSTONE</b> , RED-BROWN, TRACE PURPLE, HIGHLY WEATHERED, VERY WEAK.		804.8	36																		
			37																		
		802.1	EOB		50/2"		-	0	SS-14	-	-	-	-	-	-	-	-	6	Rock (V)		

NOTES: NONE

ABANDONMENT METHODS, MATERIALS, QUANTITIES: TREMIED 25 LB. BENTONITE POWDER; 94 LB. CEMENT; 50 GAL. WATER

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT GDT - 9/5/23 13:03 - C:\P\WORKING\EAST01\D338664\WAS-77-9.58 BORING LOGS.GPJ

PROJECT: WAS-77-09.58		DRILLING FIRM / OPERATOR:CENTRAL STAR / T.S				DRILL RIG: DIEDRICH D-50			STATION / OFFSET: 505+17, 280' LT.			EXPLORATION ID									
TYPE: RETAINING WALL		SAMPLING FIRM / LOGGER: HDR / D.C.M./A.K.B.				HAMMER: DIEDRICH AUTOMATIC			ALIGNMENT: I-77			B-007-0-23									
PID: 115420 SFN:		DRILLING METHOD: 3.25" HSA / NQ2				CALIBRATION DATE: 3/7/22			ELEVATION: 849.7 (MSL) EOB: 56.5 ft.			PAGE									
START: 7/12/23 END: 7/13/23		SAMPLING METHOD: SPT / ST / NQ2				ENERGY RATIO (%): 86.8			LAT / LONG: 39.532416, -81.445785			1 OF 2									
MATERIAL DESCRIPTION AND NOTES		ELEV.	DEPTHS		SPT/ RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG				WC	ODOT CLASS (GI)	HOLE SEALED
MEDIUM STIFF TO STIFF, RED-BROWN, <b>SILT AND CLAY</b> , SOME SAND, TRACE STONE FRAGMENTS, DAMP (FILL)		849.7			2																
			1	2	1	4	78	SS-1	1.50	-	-	-	-	-	-	-	17	A-6a (V)			
			2																		
			3	2	2	6	100	SS-2	1.00	8	13	15	32	32	34	20	14	17	A-6a (7)		
			4																		
			5	4	3	12	11	SS-3	-	-	-	-	-	-	-	-	-	18	A-6a (V)		
			6		5																
			7																		
			8	2	1	4	72	SS-4	0.50	-	-	-	-	-	-	-	-	21	A-6a (V)		
			9		2																
VERY STIFF TO HARD, RED-BROWN, <b>SILTY CLAY</b> , SOME SAND, TRACE GRAVEL, DAMP		839.7																			
			10	4	5	22	89	SS-5	2.00	5	8	14	39	34	38	21	17	14	A-6b (10)		
			11		10																
			12																		
STIFF TO VERY STIFF, RED-BROWN, <b>SILT AND CLAY</b> , SOME SAND, LITTLE GRAVEL AND STONE FRAGMENTS, DAMP		834.7																			
			13	8	11	33	100	SS-6	3.00	-	-	-	-	-	-	-	-	20	A-6b (V)		
			14		12																
			15																		
			16				50	ST-7	0.50	13	11	12	41	23	35	21	14	15	A-6a (7)		
			17	6	7	23	89	SS-8	0.50	-	-	-	-	-	-	-	-	19	A-6a (V)		
			18		9																
STIFF TO VERY STIFF, RED-BROWN, <b>SILT AND CLAY</b> , SOME SAND, TRACE GRAVEL AND STONE FRAGMENTS, DAMP		827.7																			
			19																		
			20																		
			21																		
			22	5	6	19	100	SS-9	1.75	4	7	17	44	28	35	22	13	19	A-6a (9)		
			23		7																
			24																		
STIFF TO VERY STIFF, RED-BROWN, <b>SILT AND CLAY</b> , SOME SAND, TRACE GRAVEL AND STONE FRAGMENTS, DAMP		819.7																			
			25	7	7	23	94	SS-10	2.00	-	-	-	-	-	-	-	-	22	A-6a (V)		
			26		9																
			27																		
			28																		
			29																		
			30																		
HARD, RED-BROWN, TRACE BROWN AND GREEN, <b>SILTY CLAY</b> , LITTLE STONE FRAGMENTS, LITTLE SAND, DAMP @31.5': added water to aid drilling		814.7																			
			31	15	15	46	100	SS-11	4.50	15	6	8	31	40	38	21	17	18	A-6b (10)		
			32		17																
			33																		
CLAYSTONE, PURPLE, LIGHT BROWN, AND RED-BROWN, HIGHLY WEATHERED, VERY WEAK.		813.2																			
			34																		
CLAYSTONE, BROWN, MODERATELY WEATHERED, VERY WEAK, MEDIUM TO THICK BEDDED, CARBONACEOUS, JOINT DISCONTINUITIES, MODERATELY FRACTURED, NARROW APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, FAIR SURFACE; RQD 88%, REC 100%. 38.8' - 39.6' : Limestone, gray to brownish-gray, highly weathered, moderately strong		810.1	TR																		
			35	27	48	-	100	SS-12	-	-	-	-	-	-	-	-	-	20	Rock (V)		
CLAYSTONE, RED-BROWN, PURPLE, TRACE GREEN, MODERATELY WEATHERED, VERY WEAK, THIN BEDDED, CARBONACEOUS, JOINT AND BEDDING DISCONTINUITIES, MODERATELY FRACTURED TO FRACTURED, NARROW TO OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, FAIR SURFACE; RQD 85%, REC 100%. 42.5' - 43.4' : Limestone, brown, moderately weathered, moderately strong		806.3																			
			36		50/3"																
SILTSTONE, RED-BROWN, BROWN, SLIGHTLY WEATHERED, WEAK, THIN BEDDED, JOINT AND BEDDING DISCONTINUITIES, MODERATELY FRACTURED TO FRACTURED, OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, FAIR TO GOOD SURFACE; RQD 53%, REC 83%.		803.3																			
			37																		
SILTSTONE, GRAY-BROWN, TRACE RED-BROWN, SLIGHTLY TO MODERATELY WEATHERED, WEAK, THIN BEDDED, JOINT AND BEDDING DISCONTINUITIES, MODERATELY FRACTURED TO FRACTURED, OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, FAIR TO GOOD SURFACE; RQD 48%, REC 100%.		800.7																			
			38	77			100	NQ2-1											CORE		
SILTSTONE, RED-BROWN, MODERATELY WEATHERED, WEAK, THIN BEDDED, JOINT DISCONTINUITIES, MODERATELY FRACTURED TO FRACTURED, OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY/DISTURBED/SEAMY STRUCTURE, FAIR SURFACE; RQD 38%, REC 100%.		799.1																			
			39																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT		797.8																			
			40																		
SANDSTONE, GRAY AND BROWN, SLIGHTLY TO MODERATELY WEATHERED, MODERATELY STRONG, THINLY LAMINATED, ARGILLACEOUS, JOINT DISCONTINUITIES, FRACTURED, NARROW TO OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY/DISTURBED/SEAMY STRUCTURE, FAIR SURFACE; RQD 38%, REC 100%.		793.8																			
			41	68			100	NQ2-2											CORE		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT		793.2																			
			42																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			43																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			44																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			45																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			46	51			91	NQ2-3											CORE		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			47																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			48																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			49																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			50																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			51																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			52																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			53	66			100	NQ2-4											CORE		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			54																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			55																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			56																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			57																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			58																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			59																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			60																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			61																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			62																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			63																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			64																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			65																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			66																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			67																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			68																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			69																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			70																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			71																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT																					
			72																		
SILTSTONE, RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT						</															

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT GDT - 9/5/23 13.03 - C:\P\WORKING\EAST01\D338664\WAS-77-9.58 BORING LOGS.GPJ

PID: 115420	SFN:	PROJECT: WAS-77-09.58	STATION / OFFSET: 505+17, 280' LT.	START: 7/12/23	END: 7/13/23	PG 2 OF 2	B-007-0-23															
MATERIAL DESCRIPTION AND NOTES			ELEV. 789.7	DEPTHS	SPT/ RQD	N <sub>60</sub>	REC SAMPLE (%)	HP ID	(tsf)	GRADATION (%)					ATTERBERG					WC	ODOT CLASS (GI)	HOLE SEALED
DISCONTINUITIES, FRACTURED, NARROW TO OPEN APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, FAIR SURFACE; RQD 71%, REC 100%.																						
CLAYSTONE, RED-BROWN, MODERATELY WEATHERED, VERY WEAK, THIN BEDDED, JOINT DISCONTINUITIES, FRACTURED, NARROW APERTURE WIDTH, SLIGHTLY ROUGH SURFACE, BLOCKY STRUCTURE, FAIR SURFACE; RQD 71%, REC 100%.																						