

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 B-005-0-23						
TYPE: RETAINING WALL			SAMPLING FIRM / LOGGER: HDR / A.K.B.					HAMMER: DIEDRICH AUTOMATIC					ALIGNMENT: I-77											
PID: 115420 SFN:			DRILLING METHOD: 3.25" HSA / NQ2					CALIBRATION DATE: 3/7/22					ELEVATION: 858.7 (MSL) EOB: 69.1 ft.					PAGE 1 OF 3						
START: 7/17/23 END: 7/17/23			SAMPLING METHOD: SPT / ST / NQ2					ENERGY RATIO (%): 86.8					LAT / LONG: 39.532305, -81.445576											
MATERIAL DESCRIPTION AND NOTES			ELEV.	DEPTHS		SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	HOLE SEALED			
											GR	CS	FS	SI	CL	LL	PL	PI						
TOPSOIL (2")			858.7																					
MEDIUM STIFF TO STIFF, BROWN, CLAY , "AND" SILT, LITTLE SAND, TRACE STONE FRAGMENTS, DAMP (FILL)			858.5	1		3																		
				2		2	6	72	SS-1	1.50	6	7	10	38	39	41	21	20	17	A-7-6 (12)				
				3																				
				4		4	9	17	SS-2	-	-	-	-	-	-	-	-	-	-	24	A-7-6 (V)			
				5		3																		
STIFF, RED-BROWN, SILTY CLAY , LITTLE SAND, TRACE STONE FRAGMENTS, DAMP (FILL)			852.7	6		4																		
				7		4	12	67	SS-3	1.00	5	8	12	35	40	38	21	17	21	A-6b (11)				
SOFT TO MEDIUM STIFF, RED-BROWN, SILTY CLAY , LITTLE SAND, TRACE STONE FRAGMENTS, DAMP (FILL)			850.2	8																				
				9		2	7	72	SS-4	0.50	4	8	11	40	37	38	21	17	21	A-6b (11)				
				10		2	3																	
				11		2																		
				12		1	6	83	SS-5	0.25	-	-	-	-	-	-	-	-	-	23	A-6b (V)			
				13																				
				14				58	ST-6	1.25	3	2	9	53	33	36	19	17	15	A-6b (11)				
				15		2																		
MEDIUM STIFF TO STIFF, RED-BROWN, CLAY , SOME SILT, LITTLE STONE FRAGMENTS, LITTLE SAND, DAMP (FILL)			843.2	16		4	14	89	SS-7	0.75	12	7	6	29	46	50	22	28	21	A-7-6 (17)				
				17		6																		
				18																				
				19		3	12	94	SS-8	1.00	-	-	-	-	-	-	-	-	-	17	A-7-6 (V)			
				20		5																		
VERY STIFF, BROWN, SILT AND CLAY , LITTLE SAND, TRACE STONE FRAGMENTS, DAMP (FILL)			835.2	21																				
				22																				
				23																				
				24		6	22	6	SS-9	-	1	6	11	36	46	-	-	-	19	A-6a (V)				
				25		9																		
MEDIUM DENSE, RED-BROWN TO BROWN, STONE FRAGMENTS WITH SAND, SILT, AND CLAY , DAMP (FILL)			830.2	26																				
				27																				
				28																				
				29		8	30	94	SS-10	1.50	48	13	8	18	13	33	20	13	9	A-2-6 (0)				
						10																		

[illegible]

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 9/8/23 18:20 - C:\P\WORKING\EAST01\ID338664\WAS-77.9.58 BORING LOGS.GPJ

[illegible]

STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT.GDT - 9/8/23 18:20 - C:\P\WORKING\EAST01\ID3386644\WAS-77-9.58 BORING LOGS.GPJ

NOTES: NONE

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

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STANDARD ODOT SOIL BORING LOG (8.5 X 11) - OH DOT GDT - 9/8/23 18:20 - 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 3 OF 3	B-007-0-23												
MATERIAL DESCRIPTION AND NOTES			ELEV. 787.6	DEPTHS	SPT/ RQD	N ₆₀	REC SAMPLE (%) ID	HP (tsf)	GRADATION (%)					ATTERBERG				ODOT CLASS (GI)	HOLE SEALED
SILTSTONE RED-BROWN AND GRAY, MODERATELY WEATHERED, WEAK, MEDIUM BEDDED, JOINT 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%.																			
NOTES: NONE																			
ABANDONMENT METHODS, MATERIALS, QUANTITIES: TREMIED 25 LB. BENTONITE POWDER; 94 LB. CEMENT; 50 GAL. WATER																			