

PROJECT: ROS-772-7.64		DRILLING FIRM / OPERATOR: CS / TS		DRILL RIG: CME 45B		STATION / OFFSET: 415+73, 24' LT.		EXPLORATION ID													
TYPE: BRIDGE		SAMPLING FIRM / LOGGER: NEAS / LR		HAMMER: CME AUTOMATIC		ALIGNMENT: SR-772		B-001-0-23													
PID: SFN:		DRILLING METHOD: 3.25" HSA / NQ2		CALIBRATION DATE: 1/24/22		ELEVATION: 774.8 (MSL) EOB: 38.7 ft.		PAGE													
START: 2/8/24 END: 2/8/24		SAMPLING METHOD: SPT / NQ2		ENERGY RATIO (%): 72.6		LAT / LONG: 39.255803, -83.049606		1 OF 1													
MATERIAL DESCRIPTION AND NOTES		ELEV.	DEPTHS		SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	HOLE SEALED	
10.0" ASPHALT AND 6.0" BASE		774.8			3																
HARD, BROWN AND DARK BROWN, SANDY SILT, LITTLE TO SOME GRAVEL, LITTLE TO SOME CLAY, CONTAINS ASPHALT FRAGMENTS, DAMP (FILL)		773.5	1		5	16	33	SS-1	4.25	-	-	-	-	-	-	-	-	15	A-4a (V)		
			2		6	17	78	SS-2	4.50	28	10	7	38	17	30	20	10	14	A-4a (4)		
			3		6																
VERY DENSE, DARK BROWN, GRAVEL WITH SAND LITTLE SILT, TRACE CLAY, CONTAINS ASPHALT FRAGMENTS, DAMP (FILL)		770.3	4		10	38	72	SS-3	4.50	-	-	-	-	-	-	-	-	15	A-4a (V)		
			5		15	54	94	SS-4	-	55	17	12	13	3	NP	NP	NP	7	A-1-b (0)		
			6		17																
MEDIUM DENSE, ORANGISH BROWN AND BROWN, STONE FRAGMENTS WITH SAND AND SILT, TRACE CLAY, IRON STAINING, DAMP TO MOIST		768.8	7		10	24	94	SS-5	-	37	24	13	20	6	NP	NP	NP	10	A-2-4 (0)		
			8		9	21	11	SS-6	-	-	-	-	-	-	-	-	-	9	A-2-4 (V)		
			9		8																
			10		10	17	22	SS-7	-	-	-	-	-	-	-	-	-	11	A-2-4 (V)		
			11		5	16	56	SS-8	-	-	-	-	-	-	-	-	-	12	A-2-4 (V)		
			12		5																
MEDIUM DENSE, BROWN, STONE FRAGMENTS WITH SAND, SILT, AND CLAY, DAMP		761.3	13		15	18	50	SS-9	-	-	-	-	-	-	-	-	-	13	A-2-4 (V)		
			14		6	17	78	SS-10	-	38	23	7	18	14	33	22	11	14	A-2-6 (0)		
			15		7																
SHALE, BLACK, MODERATELY WEATHERED, SLIGHTLY TO MODERATELY STRONG, LAMINATED TO VERY THIN BEDDED, FISSILE.		757.3	16																		
			17																		
			18																		
SHALE, BLACK, SLIGHTLY TO MODERATELY WEATHERED, WEAK TO STRONG, LAMINATED TO VERY THIN BEDDED, FISSILE, PYRITIC, BEDDING DISCONTINUITIES: LOW ANGLE, JOINT DISCONTINUITIES: HIGH ANGLE FROM 21.5'-23.3', 30.5'-30.8', AND 32.8'-33.1', FRACTURED TO INTACT, NARROW TO TIGHT, SLIGHTLY ROUGH, BLOCKY TO INTACT, GOOD SURFACE CONDITION; RQD 89.8%, REC 99.6%. @19.1'-19.4'; Qu = 7187 PSI @ 1.2%		756.0	19		60/3"	-	100	SS-11	-	-	-	-	-	-	-	-	-	5	Rock (V)		
			20																		
			21																		
			22		67		100	NQ2-1											CORE		
			23																		
			24																		
			25																		
			26																		
			27		98		98	NQ2-2											CORE		
			28																		
			29																		
			30																		
			31																		
			32																		
			33																		
			34		98		100	NQ2-3											CORE		
			35																		
			36																		
			37																		
			38																		
			EOB																		
NOTES: GROUNDWATER NOT ENCOUNTERED DURING DRILLING. HOLE DID NOT CAVE.																					
ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED 0.5 BAG ASPHALT PATCH; PUMPED 50 GAL. BENTONITE GROUT																					

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT.GDT - 11/21/24 08:35 - X:\ACTIVE PROJECTS\ACTIVE SOIL PROJECTS\ROS-772-7.64\GINT FILES\ROS-772-7.64.GPJ