

PROJECT: ADA-125-19.68
 TYPE: BRIDGE REPLACEMENT
 PID: 84432 SFN: 0103187 (E)
 START: 9/24/14 END: 9/25/14

DRILLING FIRM / OPERATOR: ODOT / PROCTOR
 SAMPLING FIRM / LOGGER: ODOT / LEWIS
 DRILLING METHOD: 3.25" HSA / NQ2
 SAMPLING METHOD: SPT / NQ2

DRILL RIG: CME 850R TRACKED
 HAMMER: CME AUTOMATIC
 CALIBRATION DATE: 5/10/13
 ENERGY RATIO (%): 88.4

STATION / OFFSET: 1055+51.23' LT.
 ALIGNMENT: CL SR 125
 ELEVATION: 692.9 (MSL) EOB: 32.0 ft.
 LAT / LONG: -38.772139, -83.365800

EXPLORATION ID: B-004-1-14
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MATERIAL DESCRIPTION AND NOTES

6' TOPSOIL (DRILLERS DESCRIPTION)
 STIFF BROWN SILT AND CLAY, SOME SAND, LITTLE
 STONE FRAGMENTS, DAMP TO MOIST

MEDIUM DENSE, BROWN, STONE FRAGMENTS WITH
 SAND, TRACE SILT, TRACE CLAY, MOIST

LIMESTONE, GRAYISH ORANGE WITH LIGHT GRAY,
 HIGHLY WEATHERED, SLIGHTLY STRONG, THICK
 BEDDED, FOSSILIFEROUS, VUGGY, ARENACEOUS,
 CONTAINS THIN CLAY SEAMS; RQD 71%, REC 100%.
 @ 10.1' TO 10.4'; Qu = 2,694 PSI
 @ 10.6' TO 10.9'; Qu = 1,716 PSI

@ 14.8' TO 15.1'; Qu = 2,156 PSI

LIMESTONE, LIGHT GRAY WITH DARK YELLOWISH
 BROWN, MODERATELY WEATHERED, SLIGHTLY TO
 MODERATELY STRONG, THICK BEDDED,
 FOSSILIFEROUS, VUGGY, PETROLIFEROUS,
 ARENACEOUS; RQD 84%, REC 100%.

DEPTH (ft)	SPT / RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)						WC	ODOT CLASS (GI)	HOLE SEALED	
						GR	CS	FS	SI	CL	LL				PL
1															
2	6	24	89	SS-1	2.00										17 A-6a (V)
3	9														
4	5	19	100	SS-2	1.00										15 A-6a (V)
5	6														
6	9	24	100	SS-3A	2.00										19 A-6a (5)
7	7			SS-3B	-										12 A-1-b (V)
8	9														
9	55/2'	-	100	SS-4	-										8 Rock (V)
10															
11	50		100	NQ2-1											CORE
12															
13															
14															
15															
16															
17	79		100	NQ2-2											CORE
18															
19															
20															
21															
22															
23															
24															
25															
26															
27	83		100	NQ2-3											CORE
28															
29															
30															
31															
32															

ELEV. 692.9
 692.4
 685.9
 684.4
 671.4
 660.9

TR

EOB

NOTES: HOLE DRY BEFORE CORING. BORING PLOTTED FROM DRILLERS GPS. ELEVATION FROM DISTRICT CADD FILES.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: MIXED 50 LB. BENTONITE POWDER, 15 GAL. WATER



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ADA - 125 - 19.68
 BRIDGE NO. ADA-125-1968 OVER MIDDLE BRANCH OF MILL CREEK
 STRUCTURE FOUNDATION EXPLORATION
 BORING LOG B-004-1-14

DRAWN: BKL
 CHECKED: CM