

PROJECT: ADA-125-19.68
 TYPE: BRIDGE REPLACEMENT
 PID: 84432 SFN: 0103187 (E)
 START: 9/23/14 END: 9/24/14

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: 1053+55.24 RT.
 ALIGNMENT: CL SR 125
 ELEVATION: 685.4 (MSL) EOB: 32.5 ft.
 LAT / LONG: -38.771988, -83.366479

EXPLORATION ID: B-001-0-14
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MATERIAL DESCRIPTION AND NOTES

6' TOPSOIL (DRILLERS DESCRIPTION)
 STIFF TO VERY STIFF, ORANGISH BROWN, SILTY CLAY, SOME STONE FRAGMENTS, SOME SAND, MOIST

LIMESTONE, GRAYISH ORANGE AND LIGHT GRAY, HIGHLY WEATHERED, SLIGHTLY STRONG, THICK BEDDED, FOSSILIFEROUS, VUGGY, ARENACEOUS, CONTAINS THIN CLAY SEAMS; RQD 60%, REC 100%.

@ 10.7'; 25° FRACTURE

@ 11.8' TO 12.1'; Qu = 1,741 PSI

LIMESTONE, LIGHT GRAY WITH GRAY, MODERATELY WEATHERED, SLIGHTLY TO MODERATELY STRONG, THICK BEDDED, FOSSILIFEROUS, VUGGY, PETROLIFEROUS; RQD 74%, REC 97%.

@ 15' TO 15.4'; Qu = 4,814 PSI

@ 15.4' TO 15.8'; Qu = 3,734 PSI

@ 21.1' TO 21.4'; THREE 45° FRACTURES

@ 24.3' TO 26.4'; CONTAINS CAVITIES WITH LOSS

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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

	ADA - 125 - 19.68	BRIDGE NO. ADA-125-1968 OVER MIDDLE BRANCH OF MILL CREEK	STRUCTURE FOUNDATION EXPLORATION
	3 / 7	BORING LOG B-001-0-14	DRAWN: BKL CHECKED: CM