

	PROJECT: FRA-70-14.05 PROJECT 4B				DRILLING FIRM / OPERATOR: RII / S.B.				DRILL RIG: CME 55 (SN 386345)				STATION / OFFSET: 208+42.08 / 65.7" RT				EXPLORATION ID B-037-1-15											
	TYPE: ROADWAY				SAMPLING FIRM / LOGGER: RII / C.D.				HAMMER: CME AUTOMATIC				ALIGNMENT: BL CONST. I-70 EB															
	PID: 96053		BR ID: NA		DRILLING METHOD: 3.25" - HSA				CALIBRATION DATE: 10/20/14				ELEVATION: 736.3 (MSL)		EOB: 60.0 ft.		PAGE 1 OF 1											
	START: 12/3/15		END: 12/4/15		SAMPLING METHOD: SPT				ENERGY RATIO (%): 92				COORD: 39.953492, -82.993082															
MATERIAL DESCRIPTION AND NOTES					ELEV.	DEPTHS				SPT/ RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL			
0.5' - ASPHALT (6.0")					736.3																							
1.0' - CONCRETE (12.0")					735.8																							
0.5' - AGGREGATE BASE (6.0")					734.8																							
HARD, BROWN TO GRAY <b>SANDY SILT</b> , SOME CLAY, LITTLE FINE GRAVEL, DAMP.					734.3																							
-COBBLES PRESENT FROM 13.5' to 18.0'																												
DENSE, GRAY <b>GRAVEL AND/OR STONE FRAGMENTS WITH SAND</b> , LITTLE SILT, TRACE CLAY, MOIST TO WET. -WATER ADDED TO AUGERS @ 18.5'					718.3																							
STIFF TO VERY STIFF, GRAY <b>SANDY SILT</b> , LITTLE CLAY, LITTLE FINE GRAVEL, DAMP.					715.8																							
VERY DENSE, GRAY <b>GRAVEL WITH SAND, SILT, AND CLAY</b> , MOIST.					710.8																							
VERY DENSE, GRAY <b>GRAVEL</b> , SOME COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, MOIST.					708.3																							
-HEAVING SANDS ENCOUNTERED @ 31.0'																												
HARD, GRAY <b>SANDY SILT</b> , SOME FINE GRAVEL, LITTLE CLAY, DAMP.					701.8																							
MEDIUM DENSE, GRAY <b>SILT</b> , SOME COARSE TO FINE SAND, TRACE CLAY, TRACE FINE GRAVEL, WET.					699.3																							
-HEAVING SANDS ENCOUNTERED @ 43.5'																												
-HEAVING SANDS ENCOUNTERED @ 48.5'					694.3																							
-HEAVING SANDS ENCOUNTERED @ 53.5'																												
-ROCK FRAGMENTS PRESENT IN SS-15					676.3																							
NOTES: GROUNDWATER ENCOUNTERED INITIALLY @ 18.5'																												
ABANDONMENT METHODS, MATERIALS, QUANTITIES: COMPACTED WITH THE AUGER 200 LBS BENTONITE CHIPS AND SOIL CUTTINGS																												