


RESOURCE INTERNATIONAL, INC.																								
	PROJECT: FRA-70-14.05 PROJECT 4B				DRILLING FIRM / OPERATOR: RII / S.B.				DRILL RIG: CME 750X (SN 310218)				STATION / OFFSET: 198+77.78 / 40.8" RT				EXPLORATION ID B-032-3-15			PAGE 1 OF 2				
	TYPE: ROADWAY				SAMPLING FIRM / LOGGER: RII / C.D.				HAMMER: CME AUTOMATIC				ALIGNMENT: BL CONST. I-70 EB											
	PID: 96053		BR ID: FRA-33-1747		DRILLING METHOD: 3.25" - HSA				CALIBRATION DATE: 10/20/14				ELEVATION: 732.8 (MSL)		EOB: 75.0 ft.									
	START: 10/7/15		END: 10/8/15		SAMPLING METHOD: SPT				ENERGY RATIO (%): 85.7				COORD: 39.953103, -82.996483											
MATERIAL DESCRIPTION AND NOTES					ELEV.	DEPTHS		SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	BACK FILL	
0.3' - TOPSOIL (3.0") MEDIUM DENSE TO VERY DENSE, BROWN GRAVEL AND SAND, LITTLE SILT, TRACE CLAY, MOIST. -ROCK FRAGMENTS PRESENT THROUGHOUT -COBBLES PRESENT @ 8.0'					732.8																			
					732.5	1	4	7	21	100	SS-1	-	-	-	-	-	-	-	-	-	6	A-1-b (V)		
						2		8																
						3																		
						4	8	13	37	100	SS-2	-	-	-	-	-	-	-	-	-	5	A-1-b (V)		
						5		13																
						6																		
						7	11	14	54	78	SS-3	-	57	21	6	13	3	NP	NP	NP	7	A-1-b (0)		
						8		24																
						9	14	18	47	100	SS-4	-	-	-	-	-	-	-	-	-	7	A-1-b (V)		
	10		15																					
DENSE TO VERY DENSE, BROWNISH GRAY TO GRAY GRAVEL, AND COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, WET. -MUD ADDED TO AUGERS @ 11.0' -ROCK FRAGMENTS PRESENT THROUGHOUT -HEAVING SANDS ENCOUNTERED @ 18.5' -COBBLES PRESENT FROM 18.5' TO 21.0'					722.3																			
						11	9	12	129	83	SS-5	-	99	1	0	0	0	NP	NP	NP	10	A-1-a (0)		
						12		78																
						13																		
						14	26	20	57	89	SS-6	-	-	-	-	-	-	-	-	-	11	A-1-a (V)		
						15		20																
						16																		
						17	7	13	41	100	SS-7	-	61	21	8	7	3	NP	NP	NP	11	A-1-a (0)		
						18		16																
						19	6	11	36	100	SS-8	-	-	-	-	-	-	-	-	-	9	A-1-a (V)		
	20		14																					
HARD, GRAY SANDY SILT, LITTLE FINE GRAVEL, LITTLE CLAY, DAMP.					708.3																			
						21	9	10	34	100	SS-9	-	55	27	9	7	2	NP	NP	NP	12	A-1-a (0)		
						22		14																
						23																		
						24	17	11	46	100	SS-10A	-	-	-	-	-	-	-	-	-	8	A-1-a (V)		
						25		21			SS-10B	4.5+	-	-	-	-	-	-	-	-	11	A-4a (V)		
						26																		
						27	16	23	83	100	SS-11	4.5+	19	11	18	37	15	21	14	7	10	A-4a (3)		
						28		35																
						29	8	15	54	100	SS-12	4.5+	-	-	-	-	-	-	-	-	12	A-4a (V)		
	30		23																					
VERY DENSE, GRAY SILT, SOME COARSE TO FINE SAND, TRACE CLAY, TRACE FINE GRAVEL, MOIST.					700.8																			
						31																		
						32																		
						33																		
						34	28	48	-	100	SS-13	1.50	5	5	22	61	7	NP	NP	NP	17	A-4b (7)		
						35		50/4"																
						36																		
						37																		
						38																		
						39	26	26	89	100	SS-14	-	-	-	-	-	-	-	-	-	14	A-1-b (V)		
	40		36																					
VERY DENSE, DARK GRAY TO GRAY GRAVEL AND SAND, TRACE SILT, TRACE CLAY, WET. -COBBLES PRESENT @ 41.0' -HEAVING SANDS ENCOUNTERED @ 43.5' -HEAVING SANDS ENCOUNTERED @ 48.5' -COBBLES PRESENT @ 50.5'					695.8																			
						41																		
						42																		
						43																		
						44	15	47	-	100	SS-15	-	-	-	-	-	-	-	-	-	8	A-1-b (V)		
						45		50/2"																
						46																		
						47																		
						48																		
						49	8	23	87	100	SS-16	-	36	28	26	9	1	NP	NP	NP	11	A-1-b (0)		
	50		38																					
						51																		
						52																		
						53																		
						54	32	30	110	100	SS-17	-	44	27	18	9	2	NP	NP	NP	10	A-1-b (0)		
						55		47																
						56																		
						57																		
						58																		
						59	10	40	123	100	SS-18	-	-	-	-	-	-	-	-	-	15	A-1-b (V)		
			46																					