


RESOURCE INTERNATIONAL, INC.																									
	PROJECT: FRA-70-14.05 PROJECT 4B				DRILLING FIRM / OPERATOR: RII / S.B.				DRILL RIG: CME 55 (SN 386345)				STATION / OFFSET: 197+75.35 / 50.0" LT				EXPLORATION ID B-032-1-15			PAGE 1 OF 2					
	TYPE: ROADWAY				SAMPLING FIRM / LOGGER: RII / C.D.				HAMMER: CME AUTOMATIC				ALIGNMENT: BL CONST. I-70 WB												
	PID: 96053		BR ID: NA		DRILLING METHOD: 3.25" - HSA				CALIBRATION DATE: 10/20/14				ELEVATION: 748.9 (MSL)		EOB: 65.0 ft.										
	START: 11/30/15		END: 12/1/15		SAMPLING METHOD: SPT				ENERGY RATIO (%): 92				COORD: 39.953517, -82.996945												
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		
0.7' - ASPHALT (8.0")					748.2									GR	CS	FS	SI	CL	LL	PL	PI				
0.3' - AGGREGATE BASE (4.0")					747.9	1		3	7	26	39	SS-1	4.5+	-	-	-	-	-	-	-	-	12	A-4b (V)		
HARD, BROWN SILT, SOME FINE GRAVEL, LITTLE COARSE TO FINE SAND, LITTLE CLAY, DAMP.					743.4	2		10																	
						3																			
						4		9	15	44	100	SS-2	4.5+	21	9	6	50	14	20	15	5	9	A-4b (6)		
						5		14																	
						6																			
DENSE TO VERY DENSE, GRAY TO BROWNISH GRAY GRAVEL WITH SAND AND SILT, SOME CLAY, DAMP.					735.9	6		11	20	68	100	SS-3	-	-	-	-	-	-	-	-	-	10	A-2-4 (V)		
						7		25																	
						8																			
						9		13	19	65	100	SS-4	-	27	23	20	9	21	25	15	10	9	A-2-4 (0)		
						10		24																	
VERY DENSE, BROWNISH GRAY GRAVEL, SOME COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, DAMP.					733.4	11		23	50/3"	-	89	SS-5	-	-	-	-	-	-	-	-	-	6	A-2-4 (V)		
						12																			
						13																			
						14		45	50/2"	-	100	SS-6	-	-	-	-	-	-	-	-	-	4	A-1-a (V)		
						15																			
HARD, GRAY SANDY SILT, LITTLE FINE GRAVEL, LITTLE CLAY, DAMP.					731.9	16		10	16	92	100	SS-7 A	4.5+	16	17	17	39	11	21	15	6	10	A-4a (3)		
						17		45				SS-7B	-	-	-	-	-	-	-	-	5	A-1-b (V)			
VERY DENSE, BROWN GRAVEL AND SAND, TRACE SILT, TRACE CLAY, MOIST.					721.9	18																			
						19		16	25	86	100	SS-8	-	42	51	3	3	1	NP	NP	NP	4	A-1-b (0)		
						20		32																	
						21																			
						22																			
						23																			
						24		13	20	63	100	SS-9	-	-	-	-	-	-	-	-	-	5	A-1-b (V)		
						25		22																	
						26																			
						27																			
DENSE TO VERY DENSE, BROWNISH GRAY TO GRAY GRAVEL, "AND" COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, MOIST. -INTRODUCED WATER @ 28.5'					711.9	28																			
						29		7	9	33	100	SS-10	-	55	37	4	3	1	NP	NP	NP	9	A-1-a (0)		
						30		13																	
						31																			
						32																			
						33																			
						34		4	17	-	100	SS-11	-	-	-	-	-	-	-	-	-	8	A-1-a (V)		
						35		50/5"																	
						36																			
						37																			
HARD, GRAY SANDY SILT, SOME GRAVEL, TRACE CLAY, MOIST.					706.9	38																			
						39		42	5/5"	-	100	SS-12	4.5+	-	-	-	-	-	-	-	10	A-4a (V)			
LOOSE, BROWNISH GRAY GRAVEL AND SAND, TRACE SILT, TRACE CLAY, MOIST.					701.9	40																			
						41																			
						42																			
						43																			
						44		1	2	9	100	SS-13	-	46	39	7	7	1	NP	NP	NP	13	A-1-b (0)		
VERY DENSE, GRAY AND DARK GRAY GRAVEL AND SAND, TRACE SILT, TRACE CLAY, MOIST.						45		4																	
						46		40																	
						47																			
						48																			
						49		47	50/1"	-	100	SS-14	-	-	-	-	-	-	-	-	-	12	A-1-b (V)		
						50																			
						51																			
						52																			
						53																			
						54		4	14	81	100	SS-15	-	-	-	-	-	-	-	-	-	13	A-1-b (V)		
						55		32																	
						56																			
						57																			
						58																			
						59		5	15	71	100	SS-16	-	24	63	6	6	1	NP	NP	NP	10	A-1-b (0)		