


RESOURCE INTERNATIONAL, INC.																								
	PROJECT: FRA-70-14.05 PROJECT 4B				DRILLING FIRM / OPERATOR: RII / S.B.				DRILL RIG: CME 55 (SN 386345)				STATION / OFFSET: 1151+79.91 / 46.7" RT				EXPLORATION ID B-032-5-15			PAGE 1 OF 2				
	TYPE: ROADWAY				SAMPLING FIRM / LOGGER: RII / C.D.				HAMMER: CME AUTOMATIC				ALIGNMENT: CL CONST. THIRD ST.											
	PID: 96053		BR ID: FRA-33-1747		DRILLING METHOD: 3.25" - HSA				CALIBRATION DATE: 10/20/14				ELEVATION: 731.6 (MSL)		EOB: 75.0 ft.									
	START: 1/4/16		END: 1/5/16		SAMPLING METHOD: SPT				ENERGY RATIO (%): 92				COORD: 39.953371, -82.996058											
MATERIAL DESCRIPTION AND NOTES					ELEV.	DEPTHS		SPT/ RQD	N <sub>60</sub>	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	BACK FILL		
					731.6								GR	CS	FS	SI	CL	LL	PL	PI	WC			
0.8' - ASPHALT (9.0")					730.8	1		10 9	27	33	SS-1	-	49	24	12	11	4	17	15	2	5	A-1-b (0)		
1.7' - AGGREGATE BASE (21.0")					729.1	2																		
DENSE, BROWN TO BROWNISH GRAY <b>GRAVEL</b> , SOME COARSE TO FINE SAND, LITTLE SILT, TRACE CLAY, DAMP TO MOIST.						3																		
						4		7 11 16	41	0	SS-2	-	-	-	-	-	-	-	-	-	-	-	-	
						5		18	-	100	3S-2A	-	-	-	-	-	-	-	-	-	-	10	A-1-a (V)	
						6		8																
						7		12 14	39	67	SS-3	-	-	-	-	-	-	-	-	-	-	7	A-1-a (V)	
						8																		
						9		8 10 11	32	89	SS-4	-	-	-	-	-	-	-	-	-	-	11	A-1-a (V)	
						10																		
						11		7																
						12		14 11	38	100	SS-5	-	54	24	7	11	4	23	17	6	13	A-1-a (0)		
-INTRODUCED WATER @ 11.0'					718.6	13																		
DENSE TO VERY DENSE, BROWN, GRAY AND BLACK <b>GRAVEL AND SAND</b> , LITTLE SILT, TRACE CLAY, MOIST.						14		7 13 14	41	100	SS-6	-	-	-	-	-	-	-	-	-	8	A-1-b (V)		
						15																		
						16		11 12 13	38	100	SS-7	-	-	-	-	-	-	-	-	-	12	A-1-b (V)		
						17																		
						18																		
						19		39 16 22	57	100	SS-8A	-	44	29	12	11	4	NP	NP	NP	13	A-1-b (0)		
						20					SS-8B	4.5+	-	-	-	-	-	-	-	-	10	A-4a (V)		
						21		35 46 50/5"	-	100	SS-9	4.5+	12	11	23	37	17	21	13	8	9	A-4a (4)		
HARD, BROWNISH GRAY <b>SANDY SILT</b> , LITTLE CLAY, LITTLE FINE GRAVEL, DAMP.						22																		
						23																		
						24		9 32 43	113	100	SS-10	4.5+	-	-	-	-	-	-	-	-	9	A-4a (V)		
						25																		
						26		30 48 50/3"	-	100	SS-11	4.5+	-	-	-	-	-	-	-	-	10	A-4a (V)		
						27																		
						28																		
						29		19 29 44	110	100	SS-12	-	-	-	-	-	-	-	-	-	21	A-3a (V)		
VERY DENSE, GRAY <b>COARSE AND FINE SAND</b> , LITTLE FINE GRAVEL, LITTLE SILT, TRACE CLAY, MOIST.						30																		
						31																		
						32																		
						33																		
						34		11 44 46	135	100	SS-13	-	1	3	59	32	5	NP	NP	NP	14	A-4a (0)		
						35																		
						36																		
						37																		
VERY DENSE, GRAY <b>SANDY SILT</b> , TRACE CLAY, TRACE FINE GRVAEL, MOIST.  -HEAVING SANDS ENCOUNTERED @ 33.5'						38																		
						39		12 45 50/4"	-	100	SS-14	-	-	-	-	-	-	-	-	7	A-1-a (V)			
						40																		
						41																		
						42																		
						43																		
						44		25 50/5"	-	100	SS-15	-	75	16	5	3	1	NP	NP	NP	7	A-1-a (0)		
						45																		
						46																		
						47																		
VERY DENSE, GRAY <b>GRAVEL</b> , SOME COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, MOIST.  -HEAVING SANDS ENCOUNTERED @ 38.5'						48																		
						49		50/1"	-	100	SS-16	-	-	-	-	-	-	-	-	-	7	A-4a (V)		
						50																		
						51																		
						52																		
						53																		
						54		50/1"	-	0	SS-17	-	-	-	-	-	-	-	-	-	-			
						55																		
						56																		
						57																		
VERY DENSE, BROWNISH GRAY <b>SANDY SILT</b> , LITTLE CLAY, TRACE FINE GRAVEL, DAMP.						58																		
						59		40 38 28	99	44	SS-18	-	32	30	26	9	3	NP	NP	NP	11	A-1-b (0)		
						60																		
VERY DENSE, BROWNISH GRAY <b>GRAVEL AND SAND</b> , TRACE SILT, TRACE CLAY, MOIST.					674.6	58																		