


RESOURCE INTERNATIONAL, INC.																								
	PROJECT: FRA-70-14.05 PROJECT 4B				DRILLING FIRM / OPERATOR: RII / S.B.				DRILL RIG: CME 750X (SN 310218)				STATION / OFFSET: 1152+85.60 / 44.9' RT				EXPLORATION ID B-032-6-15							
	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: 753.0 (MSL) EOB: 80.0 ft.											
	START: 10/5/15 END: 10/5/15				SAMPLING METHOD: SPT				ENERGY RATIO (%): 85.7				COORD: 39.953656, -82.996128											
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	
					753.0									GR	CS	FS	SI	CL	LL	PL	PI			
0.3' - ASPHALT (4.0")					752.7	1																		
0.5' - CONCRETE (6.0")					752.2	2																		
2.2' - AGGREGATE BASE (26.0")						3																		
					750.0	4	3	5	16	100	SS-1	2.00	-	-	-	-	-	-	-	-	-	9	A-6a (V)	
STIFF, BROWN SILT AND CLAY, LITTLE COARSE TO FINE SAND, TRACE FINE GRAVEL, DAMP.						5	6																	
						6																		
					746.0	7																		
						8																		
DENSE TO VERY DENSE, GRAY GRAVEL, SOME COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, MOIST.						9	4	11	47	67	SS-2	-	70	11	5	10	4	21	17	4	10	A-1-a (0)		
						10	22																	
						11																		
						12																		
						13																		
						14	17	22	54	89	SS-3	-	-	-	-	-	-	-	-	-	-	4	A-1-a (V)	
						15	22	16																
						16																		
						17																		
						18																		
						19	2	11	36	78	SS-4	-	-	-	-	-	-	-	-	-	-	6	A-1-a (V)	
						20	14																	
						21	9	14	39	100	SS-5	-	-	-	-	-	-	-	-	-	-	7	A-1-a (V)	
						22	13																	
						23																		
-ROCK FRAGMENTS PRESENT THROUGHOUT						24	12	18	57	72	SS-6	-	59	18	8	10	5	NP	NP	NP	6	A-1-a (0)		
						25	22																	
						26	8	17	53	94	SS-7	-	-	-	-	-	-	-	-	-	-	6	A-1-a (V)	
						27	20																	
						28																		
						29	15	21	69	100	SS-8	-	62	18	7	8	5	NP	NP	NP	5	A-1-a (V)		
						30	27																	
-INTRODUCED MUD @ 31.0'						31	5	11	43	67	SS-9	-	-	-	-	-	-	-	-	-	-	9	A-1-a (V)	
						32	19																	
						33																		
						34	3	14	47	100	SS-10	-	60	23	7	7	3	NP	NP	NP	10	A-1-a (0)		
						35	19																	
						36	9	23	77	78	SS-11	-	-	-	-	-	-	-	-	-	-	8	A-1-a (V)	
						37	31																	
						38																		
						39	4	26	77	100	SS-12	-	55	25	8	8	4	NP	NP	NP	9	A-1-a (0)		
					712.5	40	28																	
DENSE, BROWN TO GRAY GRAVEL AND SAND, TRACE SILT, TRACE CLAY, MOIST.						41	3	9	36	100	SS-13	-	-	-	-	-	-	-	-	-	-	11	A-1-b (V)	
						42	16																	
						43																		
						44	10	13	39	100	SS-14	-	31	45	11	9	4	NP	NP	NP	14	A-1-b (0)		
					707.5	45	14																	
DENSE, GRAY GRAVEL, LITTLE COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, MOIST.						46	5	13	44	100	SS-15	-	80	9	3	5	3	20	15	5	11	A-1-a (0)		
						47	18																	
						48																		
						49	5	12	34	100	SS-16	-	-	-	-	-	-	-	-	-	-	10	A-1-a (V)	
						50	12																	
					701.0	51																		
						52																		
DENSE, BROWN GRAVEL AND SAND, TRACE SILT, TRACE CLAY, MOIST.						53																		
						54	4	10	30	100	SS-17	-	9	51	29	8	3	NP	NP	NP	15	A-1-b (0)		
						55	11																	
						56																		
						57																		
VERY DENSE, BROWN TO BROWNISH GRAY GRAVEL, SOME COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, MOIST.					696.0	58																		
						59	6	18	60	100	SS-18	-	-	-	-	-	-	-	-	-	-	7	A-1-a (V)	
							24																	