

PROJECT: FRA-70-14.05 PROJECT 4B		DRILLING FIRM / OPERATOR: RII / S.B.		DRILL RIG: CME 55 (SN 386345)		STATION / OFFSET: 1151+80.18 / 46.1" LT		EXPLOSION ID B-032-4-15											
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: 732.5 (MSL) EOB: 75.0 ft.													
START: 1/6/16 END: 1/7/16		SAMPLING METHOD: SPT		ENERGY RATIO (%): 92		COORD: 39.953329, -82.996384		PAGE 1 OF 2											
MATERIAL DESCRIPTION AND NOTES		ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)	ATTERBERG	WC	ODOT CLASS (GI)	BACK FILL						
		732.5							GR CS FS SI CL	LL PL PI									
0.8' - ASPHALT (9.0")		731.7																	
0.7' - AGGREGATE BASE (9.0")		731.0																	
DENSE TO VERY DENSE, BROWN, GRAY AND BLACK TO BROWNISH GRAY GRAVEL WITH SAND AND SILT, TRACE CLAY, MOIST.			1																
			2	8	7	27	78	SS-1	-	-	-	-	-	8	A-2-4 (V)				
			3		11														
			4	9	11	35	100	SS-2	-	-	-	-	-	7	A-2-4 (V)				
			5		12														
			6																
			7	14	29	72	61	SS-3	-	96	2	1	0	1	24	17	7	5	A-2-4 (0)
			8																
			9	17	14	39	100	SS-4	-	-	-	-	-	-	-	-	-	6	A-2-4 (V)
			10		12														
			11																
			12	20	26	75	0	SS-5	-	-	-	-	-	-	-	-	-	-	
			13	46		-	100	3S-5A	-	60	20	6	9	5	24	17	7	10	A-2-4 (0)
			14	14	15	47	100	SS-6	-	-	-	-	-	-	-	-	-	9	A-2-4 (V)
			15		16														
			16																
	17	12	26	66	72	SS-7	-	-	-	-	-	-	-	-	-	10	A-2-4 (V)		
	18																		
MEDIUM DENSE, BROWNISH GRAY GRAVEL AND SAND, TRACE SILT, TRACE CLAY, WET.		714.5																	
		712.0																	
DENSE TO VERY DENSE, BROWNISH GRAY TO GRAY GRAVEL, LITTLE TO SOME COARSE TO FINE SAND, TRACE SILT, TRACE CLAY, MOIST.			19	11	13	38	100	SS-8	-	39	36	15	5	5	NP	NP	NP	19	A-1-b (0)
			20		12														
			21	7															
			22	45	20	98	67	SS-9	-	-	-	-	-	-	-	-	-	11	A-1-a (V)
			23																
			24	60/2"		-	100	SS-10	-	-	-	-	-	-	-	-	-	8	A-1-a (V)
			25																
			26																
			27	7	14	50	83	SS-11	-	61	22	6	6	5	22	17	5	13	A-1-a (0)
			28		19														
			29	15	18	60	94	SS-12	-	-	-	-	-	-	-	-	-	8	A-1-a (V)
			30		22														
			31																
			32																
			33																
			34	11	17	65	83	SS-13	-	-	-	-	-	-	-	-	-	8	A-1-a (V)
	35		26																
	36																		
	37																		
	38																		
	39	16	28	75	89	SS-14	-	76	14	4	3	3	20	15	5	5	A-1-a (0)		
	40		22																
	41																		
	42																		
	43																		
	44	14	25	95	67	SS-15	-	-	-	-	-	-	-	-	-	7	A-1-a (V)		
	45		38																
	46																		
	47																		
HARD, GRAY SILT AND CLAY, SOME COARSE TO FINE SAND, SOME FINE GRAVEL, DAMP.		685.5																	
		683.0																	
DENSE, GRAY GRAVEL WITH SAND AND SILT, TRACE CLAY, MOIST.			48																
			49	5	15	69	100	SS-16A	4.5+	-	-	-	-	-	-	-	12	A-6a (V)	
			50		31			SS-16B	-	-	-	-	-	-	-	9	A-2-4 (V)		
		680.5																	
HARD, GRAY SILT AND CLAY, SOME FINE GRAVEL, SOME COARSE TO FINE SAND, MOIST.			51																
		680.5																	
		678.5																	
VERY DENSE, GRAY GRAVEL WITH SAND AND SILT, TRACE CLAY, MOIST.			52																
			53																
			54	6	12	39	78	SS-17A	4.5+	33	14	13	23	17	25	14	11	10	A-6a (1)
			55		14			SS-17B	-	-	-	-	-	-	-	-	-	13	A-2-4 (V)
			56																
			57																
	58																		
	59	7	36	104	100	SS-18	-	-	-	-	-	-	-	-	-	9	A-2-4 (V)		
			33																