

PROJECT: FRA-70-14.48		DRILLING FIRM / OPERATOR: DLZ / K. CONRAD		DRIILL RIG: CME 75 TRUCK		STATION / OFFSET: 212+10 / 85.21' LT				EXPLORATION ID B-039-1-10										
TYPE: ROADWAY		SAMPLING FIRM / LOGGER: DLZ / M. EVENER		HAMMER: CME AUTOMATIC		ALIGNMENT: BL I-70 WB				PAGE 1 OF 2										
PID: 77370 BR ID:		DRILLING METHOD: 3.25" HSA		CALIBRATION DATE: 1/7/10		ELEVATION: 757.7 (MSL) EOB: 75.0 ft.														
START: 8/10/11 END: 8/10/11		SAMPLING METHOD: SPT		ENERGY RATIO (%): 79		COORD: 712169.690 N, 1830596.640 E														
MATERIAL DESCRIPTION AND NOTES		ELEV. 757.7	DEPTHS		SPT/ RQD	N60	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	HOLE SEALED
Asphalt - 4" Concrete - 12"																				
FILL: Medium dense gray GRAVEL WITH SAND AND SILT (A-2-4), trace clay; damp.		756.4		1																
				2	12 8 9	22	44	SS-1	-	-	-	-	-	-	-	-	-	5	A-2-4 (V)	
		754.2		3																
FILL: Very stiff brown SANDY SILT (A-4a), "and" fine to coarse sand, little gravel; damp.				4	4 2 3	7	56	SS-2	3.50	-	-	-	-	-	-	-	-	15	A-4a (V)	
		751.7		5																
FILL: Very stiff brown SILT AND CLAY (A-6a), some fine to coarse sand, trace to little gravel; damp.				6	2 1 2	4	100	SS-3	2.25	-	-	-	-	-	-	-	-	13	A-6a (V)	
				7																
@ 8.5'-10.0', contains occasional 1-inch brick fragments.				8																
		746.7		9	2 6 24	40	100	SS-4	2.00	10	11	20	34	25	27	16	11	15	A-6a (5)	
				10																
FILL: Brick and slag fragments.				11	12 45 23	90	56	SS-5	-	-	-	-	-	-	-	-	-	-		
				12																
@ 13.5'-17.5', cuttings contain large, angular gravel fragments with trace to little silty clay.				13																
				14	15 14 15	38	0	SS-6	-	-	-	-	-	-	-	-	-	-		
				15																
				16	24 25 23	63	0	SS-7	-	-	-	-	-	-	-	-	-	-		
		739.2		17																
Hard gray SANDY SILT (A-4a), some fine to coarse sand, trace to little gravel; damp.				18																
				19	13 12 13	33	100	SS-8	4.5+	16	11	20	31	22	23	14	9	9	A-4a (4)	
				20																
@ 21.0'-22.5', wet silty sand seam.				21	28 22 13	46	6	SS-9	-	-	-	-	-	-	-	-	-	16	A-4a (V)	
				22																
				23																
		732.7		24	18 28 34	82	100	SS-10	4.5+	-	-	-	-	-	-	-	-	8	A-4a (V)	
				25																
Hard gray SILT AND CLAY (A-6a), some fine to coarse sand, trace gravel; damp.				26																
				27	33 33 41	97	61	SS-11	4.5+	5	14	20	38	23	26	15	11	8	A-6a (6)	
				28																
				29	20 50/5"	-	100	SS-12	4.5+	-	-	-	-	-	-	-	-	7	A-6a (V)	
				30																
				31																
				32	23 35 43	103	100	SS-13	4.5+	-	-	-	-	-	-	-	-	8	A-6a (V)	
		724.2		33																
Hard gray SANDY SILT (A-4a), some fine to coarse sand, trace gravel; damp.				34	28 43 40	109	100	SS-14	4.5+	7	15	15	39	24	23	14	9	8	A-4a (6)	
				35																
				36																
				37	31 35 42	101	100	SS-15	4.5+	-	-	-	-	-	-	-	-	10	A-4a (V)	
		719.2		38																
Hard gray COARSE AND FINE SAND (A-3a), little silty clay, little gravel; wet.				39	43 50/5"	-	100	SS-16	-	-	-	-	-	-	-	-	-	9	A-3a (V)	
				40																
				41																
				42	36 50/4"	-	100	SS-17	4.5+	-	-	-	-	-	-	-	-	9	A-4a (V)	
		716.7		43																
Very stiff to hard gray SANDY SILT (A-4a), some fine to coarse sand, trace gravel; damp.				44	24 29 35	84	100	SS-18	3.50	5	10	22	38	25	22	14	8	11	A-4a (6)	
				45																
				46	23 40 44	111	100	SS-19	4.5+	-	-	-	-	-	-	-	-	11	A-4a (V)	
				47																
@ 48.5'-49.1', some gravel; moist.				48																
		708.6		49	42 50/4"	-	100	SS-20A SS-20B	3.00	-	-	-	-	-	-	-	-	10 10	A-4a (V) A-1-b (V)	
Very dense gray GRAVEL WITH SAND (A-1-b), some silt; wet.				50																
				51																
				52																
Very dense gray GRAVEL WITH SAND (A-1-b), trace to little silt; wet.		705.7		53																
				54	40 49 39	116	100	SS-21	-	41	25	23	- 11 -	NP	NP	NP	8	A-1-b (0)		
				55																
				56																
				57																
				58																
				59	23 35 32	88	89	SS-22	-	-	-	-	-	-	-	-	-	15	A-1-b (V)	