LOG OF BORING NO. B-5

MSET PROJECT NO.: 10452 | Page 1 of 1

PROJECT: Hassel Road Culvert Replacement | SITE LOCATION: Hoffman Estates, IL

BORING LOCATION: STA 77+70, 35' N of CL | CLIENT: Hey & Associates

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE TYPE/INTERVAL	SAMPLE NO.	SAMPLE N-VALUE Blows per ft.	TESTS Wc%	TESTS Dry Unit Weight, pcf	TESTS Unconfined Compressive Strength, tsf	REMARKS
0		Dark Brown and Black Silty CLAY: fill, very stiff	793.5	SS	1	13	25	--	2.5 (p)	
		trace Organics		SS	2	12	19	--	2.5 (p)	
5		Black Organic CLAY (OH), trace Peat fibers	788.0	SS	3	10	59	--	--	
		Olive-Grey Organic SILT (OL), trace peat fibers, soft	785.5	SS	4	3	87	50	0.39	
10		Grey SAND (f-c), trace Gravel (SP)	782.0	SS	5	3	19	--	--	
		Grey Silty CLAY, little Sand, trace Gravel (CL), firm to very stiff	780.5	SS	6	10	23	103	2.33	
15				SS	7	13	21	107	0.85	
				SS	8	14	18	108	2.95	
20										
				SS	9	13	22	107	2.48	
25		Grey SAND (f-c) and GRAVEL (SP-GP), medium dense	765.5							
				SS	10	25	10	--	--	
30		End of Boring @ 30'	763.5							Hole Caved @ 24. 3' upon completion

WATER LEVEL OBSERVATIONS, ft.
DURING DRILLING: 11.5'
IMMEDIATELY AFTER DRILLING: 8.5'
DELAYED READING AFTER

MSET

BORING STARTED: 12/9/10
BORING COMPLETED: 12/9/10
LOGGED BY: SPE
BORING METHOD: CFA

LOG OF BORING NO. B-6

MSET PROJECT NO.: 10452 | Page 1 of 1

PROJECT: Hassel Road Culvert Replacement | SITE LOCATION: Hoffman Estates, IL

BORING LOCATION: STA 77+80, 20' S of CL | CLIENT: Hey & Associates

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE TYPE/INTERVAL	SAMPLE NO.	SAMPLE N-VALUE Blows per ft.	TESTS Wc%	TESTS Dry Unit Weight, pcf	TESTS Unconfined Compressive Strength, tsf	REMARKS
0		Black and Dark Brown Silty CLAY: fill	793.9							
		Brown Crushed Limestone over Brown SAND (f-c) and GRAVEL: fill, slightly dense	792.4	SS	1	10	3	--	--	
5				SS	2	4	5	--	--	
		Black Organic CLAY, trace Peat Fibers, (OH)	787.4	SS	3	4	238	--	0.25 (p)	
10		to Olive-Grey Organic SILT (OL)		SS	4	2	64	60	0.50	
		Grey Silty CLAY, trace Sand and Gravel (CL), stiff	782.4	SS	5	4	24	102	1.24	
15				SS	6	4	21	106	1.47	
				SS	7	9	15	120	1.40	
20				SS	8	9	12	127	1.24	
				SS	9	17	23	106	1.16	
25		Grey SAND (f-c) and GRAVEL (SP-GP), medium dense	766.9							
				SS	10	23	8	--	--	
30		End of Boring @ 30'	763.9							Hole Caved @ 6.1' upon completion

WATER LEVEL OBSERVATIONS, ft.
DURING DRILLING: 5.5'
IMMEDIATELY AFTER DRILLING: 5.5'
DELAYED READING AFTER

MSET

BORING STARTED: 12/9/10
BORING COMPLETED: 12/9/10
LOGGED BY: SPE
BORING METHOD: CFA

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DRAWN	- J. SCHROEDER	REVISED -
DESIGNED	- D. ATKINS	REVISED -
CHECKED	- G. HATLESTAD	REVISED -
DATE	- DECEMBER 17, 2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
HASSELL ROAD OVER POPLAR CREEK
STRUCTURE NO. 016-6343
SHEET NO. CC7 OF CC7 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1100	11-00087-00-FP	COOK	164	121

CONTRACT NO. 63770
ILLINOIS FED. AID PROJECT CMM 9003(757)

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