

LOG OF BORING NO. 1											
CLIENT McLEAN COUNTY HIGHWAY DEPARTMENT						ENGINEER McLEAN COUNTY HIGHWAY DEPARTMENT					
SITE GRAHAM ST & WHITE OAK RD (OLD 150) BLOOMINGTON, ILLINOIS						PROJECT SUGAR CREEK BRIDGE (OLD 150) IMPROVEMENTS					
Approx. Boring Location: NW 1/4 N of center of bridge											
Approx. Surface Elev.: 99.5 (BM=100, Center of Bridge)											
GRAPHIC LOG	DEPTH, ft.	SAMPLES				TESTS				UNCONFINED STRENGTH, psf	
		USCS SYMBOL	NUMBER	RECOVERY, in.	SPT - N ^o BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT, pcf				
DESCRIPTION 755.6 U.S.G.S. = 100.0											
FILL: SANDY LEAN CLAY, TRACE GRAVEL Brown, Dark Brown, Dark Gray											
	1	SS	4	5	11					*5500	
	2	SS	16	8	21					*6000	
	3	SS	16	11	14					*7000	
	4	SS	18	10	15					*8500	
	5	HS									
	12										
FILL: FAT CLAY, TRACE SAND AND ORGANICS Dark Gray											
	5	SS	17	9	30					*5000	
	17	HS									
FILL: FINE TO COARSE SAND, TRACE GRAVEL AND CRUSHED LIMESTONE Brown, Gray, Tan											
	6	SS	8	16	7						
	20	HS									
FINE TO COARSE SAND WITH GRAVEL, TRACE SILT Brown Medium Dense											
	7	SS	12	27	9						
	25	HS									
	22.8	SP	8	12	20	11					
	30	HS									
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The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.						*Pocket Penetrometer **CME 140 lb. SPT automatic hammer					
WATER LEVEL OBSERVATIONS, ft			BORING STARTED 4-21-05			BORING COMPLETED 4-21-05			Terracon		
WL	22	WS				RIG	94	FOREMAN			
WL						APPROVED	TWS	JOB # 10055010			

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Approx. Boring Location: NW 1/4 N of center of bridge											
Approx. Surface Elev.: 99.5 (BM=100, Center of Bridge)											
GRAPHIC LOG	DEPTH, ft.	SAMPLES				TESTS				UNCONFINED STRENGTH, psf	
		USCS SYMBOL	NUMBER	RECOVERY, in.	SPT - N ^o BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT, pcf				
DESCRIPTION 721.1 65.5											
SANDY LEAN CLAY, TRACE GRAVEL (GLACIAL TILL) Gray Stiff to Hard											
	9	SS	16	12	12					*4000	
	35	HS									
	10	SS	18	28	13					*9000+	
	40	HS								*7000	
	11	SS	16	20	13					*7000	
	45	HS									
	12	SS	16	16	12					*5000	
	50	HS									
	13	SS	18	13	12					*5000	
	55	HS									
	14	SS	18	20	12					*9000+	
	60	HS									
	15	SS	16	22	14					*8500	
	65	ML									
SANDY SILT (GLACIAL DEPOSIT) Gray Very Stiff to Hard											
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The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.						*Pocket Penetrometer **CME 140 lb. SPT automatic hammer					
WATER LEVEL OBSERVATIONS, ft			BORING STARTED 4-21-05			BORING COMPLETED 4-21-05			Terracon		
WL	22	WS				RIG	94	FOREMAN			
WL						APPROVED	TWS	JOB # 10055010			

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Approx. Surface Elev.: 99.5 (BM=100, Center of Bridge)											
GRAPHIC LOG	DEPTH, ft.	SAMPLES				TESTS				UNCONFINED STRENGTH, psf	
		USCS SYMBOL	NUMBER	RECOVERY, in.	SPT - N ^o BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT, pcf				
DESCRIPTION 686.1 30.5											
SANDY LEAN CLAY, TRACE GRAVEL (GLACIAL TILL) Gray, Very Stiff											
	16	SS	18	20	17					*7000	
BOTTOM OF BORING											
Continued Next Page											
The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.						*Pocket Penetrometer **CME 140 lb. SPT automatic hammer					
WATER LEVEL OBSERVATIONS, ft			BORING STARTED 4-21-05			BORING COMPLETED 4-21-05			Terracon		
WL	22	WS				RIG	94	FOREMAN			
WL						APPROVED	TWS	JOB # 10055010			

BORING 1

HLR
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Lenzini and Renwick, Inc.
Civil & Structural Engineers
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618-790-4637
Account Number
12-59-0033-1
Date: 11/15/05
DESIGNED: P.S.L. CHECKED: S.W.M. DRAWN: D.B.

BORING 1
F.A.U. 6385 / C.H. 70 OVER SUGAR CREEK
SECTION 00-00182-01-BR
McLEAN COUNTY
STRUCTURE 057-5306 / STATION 820+21