



SOIL BORING LOG

Page 1 of 2

Date 9/13/06

ROUTE FAP 753 (IL 104) DESCRIPTION IL 104 over Panther Creek LOGGED BY M. Tappan
SECTION 139 (B-1) LOCATION NW 1/4, SEC. 9, TWP. 13 N, RNG. 6 W, 3 PM
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOS (%)	DESCRIPTION	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOS (%)	
				Surface Water Elev. 617.4 ft					
				Stream Bed Elev. 616.7 ft					
				Groundwater Elev.: <input checked="" type="checkbox"/> First Encounter No Encounter ft <input checked="" type="checkbox"/> Upon Completion Dry ft <input type="checkbox"/> After Hrs. Plugged ft					
Black Moist SILTY CLAY (Fill)				CLAY LOAM (Till) (continued)					
1					2				
1	0.8	25		Light Brown and Grey Dry CLAY LOAM (Till) w/ 8" Silt Loam Seam	29	+10	14		
2	B			Broken Sample	59	E			
624.40									
Black Moist SILTY CLAY				Grey Moist CLAY LOAM (Till)					
1					2				
2	1.0	25			14	4.7	10		
2	B				29	S-11			
620.90									
Olive Brown and Grey Moist Weathered CLAY (Till)				Olive Brown and Grey					
1					3				
2	1.2	24			14	5.2	11		
4	B				19	S-10			
614.40									
CLAY LOAM (Till)									
2					2				
22	3.3	13		Brown Moist CLAY LOAM (Till)	8	5.1	18		
10	B			Limestone Cobble at 16.5'	14	S-13			
611.40									
Brownish Grey				Grey					
1					2				
15	3.8	11			12	5.0	13		
20	S-13				14	B			
-20									

File Name: S:\SOIL SIGINT FILES\SANGAMON\084-0063 EX IL 104 OVER PANTHER CREEK.GPJ Data Template: 06TEMLP11.GDT Date Printed: 2/8/07
Latitude: 39.1013280 N Longitude: 89.1013280 W Datum: NAD83 Job Number: 084-0063

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC/CET
CHECKED	BAN



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CLAY LOAM (Till) (continued)									
624.40									
Grey Moist CLAY LOAM (Till)									
2					2				
11	4.3	13			11	4.3	13		
13	B				13	B			
584.90									
Boring Completed									
-45									
-50									
-55									
-60									

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**SOIL BORINGS LOGS
F.A.P. 753 (IL 104)
OVER PANTHER CREEK
SECTION 139(B-1)
SANGAMON COUNTY
STATION 408+66.00
STR. NO. 084-2508**

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS
Rev: Date: