

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 7
FAP 753 (IL 104)	139B-1	SANGAMON	39	21	7 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			



Illinois Department of Transportation  
Division of Highways  
Met District 6

### SOIL BORING LOG

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Date 6903

ROUTE FAP 753 (IL 104) DESCRIPTION IL 104 over Johns Creek Proposed SN 084-2507 LOGGED BY M. Tappan  
SECTION 139BR-1 LOCATION NE 14, SEC. 11, TWP. 13 N, RNG. 7 W, 3 PM  
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O S T	Groundwater Elev.: First Encounter Upon Completion After Hrs.	D E P T H	B L O W S	U C S	M O S T
084-0062 231+81					615.2 614.8					No Encounter 584.7 Plugged				
Brown and Dark Grey Moist (Fill)														
		1					1							
		1	0.6	28			5	3.3	16					
		2	P				7	B						
		-5					-25							
620.20 Dark Grey Moist SILTY CLAY LOAM														
		0												
		1	0.4	30										
		1	B											
617.70 Dark Grey Moist SILTY CLAY														
		0												
		2	0.7	25			2							
		2	B				6	3.3	14					
		-10					-30	B						
Brown and Grey														
		1												
		1	1.1	24										
		3	B											
612.20 Brown and Grey Moist Weathered CLAY LOAM (Till)														
		1												
		1	0.6	19			1							
		2	B				4	2.6	14					
		-15					-35	B						
Greyish Brown Moist CLAY LOAM (Till)														
		1												
		5	3.1	12										
		7	B											
588.20 Grey Moist CLAY LOAM (Till)														
		1												
		5	2.8	9			2							
		7	B				4	3.4	10					
		-20					-40	B						
605.70 Grey														

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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)



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Date 6903

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SECTION 139BR-1 LOCATION NE 14, SEC. 11, TWP. 13 N, RNG. 7 W, 3 PM  
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

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084-0062 231+81					615.2 614.8					No Encounter 617.0 Plugged				
Grey Moist CLAY LOAM (Till)														
		1												
		4	3.0	13										
		7	B											
		-45					-65							
Grey Moist CLAY LOAM (Till) (continued)														
		2												
		7	4.3	13										
		10	B											
		-50					-70							
Boring Completed														
Refer STA to c.L. of Existing Structure c.L. = 231+81 Increase to East Refer Elevation to Chisled Square on SE WW BM = 625.7'														
		2												
		6	3.4	15										
		8	B											
		-55					-75							
550.70														

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BBS, from 137 (Rev. 8-99)

SOIL BORING 084-0062 IL 104 OVER JOHNS CREEK/REV IL DOT/DET 2104

SOIL BORING 084-0062 IL 104 OVER JOHNS CREEK/REV IL DOT/DET 2104

ILLINOIS DEPARTMENT OF TRANSPORTATION			
SHEET TITLE			
BORINGS			
PROJECT	IL. ROUTE 104 OVER JOHNS CREEK FAP ROUTE 753 SECTION 139B-1 SANGAMON COUNTY STATION 231+81 STRUCTURE NUMBER 084-2507		PROJECT NO. 02124-2
SCALE			DATE 01/06/05
DRAWN BY	TFG/CFC		CHECKED BY CME/REG/MCB
COOMBE-BLOXDORF P.C. Engineers/Land Surveyors Springfield, Illinois			7
Design Firm License No. 184-002703			OF 7 SHTS