



# SOIL BORING LOG

Page 1 of 2

Date 5/20/09

ROUTE FAP Route 42 DESCRIPTION IL 127 over Miller Creek LOGGED BY M. Tappan  
SECTION 105B-1 LOCATION NW 1/4, SEC. 25, TWP. 8N, RNG. 4W, 3 PM  
COUNTY Montgomery DRILLING METHOD HSA HAMMER TYPE 140# Auto

D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. 566.2 ft Stream Bed Elev. 565.6 ft	D E P T H	B L O W S	U C S Qu	M O I S T
Brown and Gray Moist SILTY CLAY (Fill)								
				Gray Moist CLAY LOAM (Till) (continued)		3		
						17	5.4	7
						25	S-8	
						4		
						15	4.7	9
						16	B	
						154.70		
				Gray Moist SILT Sample broken, drilled softer at 32ft		15		
						70	4.5	16
						30/1"	P	
						550.70		
				Gray Moist CLAY LOAM (Till)		3		
						5	3.9	13
						9	B	
						569.70		
				Gray Moist LOAM		1		
						3	0.6	16
						3	B	
						566.70		
				Gray Wet Med to Coarse SAND, FREE WATER		1		
						2		
						2		
						564.70		
				Gray Moist CLAY LOAM (Till)		1		
						3	2.2	14
						4	B	
						507.70		

File Name: S:\SOILS\GINT\FILEMONTGOMERY\068-0511\_IL\_127\_OVER\_MILLER\_CREEK\GPU Data Template\DT5\EMPLT.GDT Date Printed 8/10/10  
Latitude 39.0 9.695N Longitude 88.2 29.246W Datum NAD83 Job Number 72866

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)



# SOIL BORING LOG

Page 2 of 2

Date 5/20/09

ROUTE FAP Route 42 DESCRIPTION IL 127 over Miller Creek LOGGED BY M. Tappan  
SECTION 105B-1 LOCATION NW 1/4, SEC. 25, TWP. 8N, RNG. 4W, 3 PM  
COUNTY Montgomery DRILLING METHOD HSA HAMMER TYPE 140# Auto

D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. 566.2 ft Stream Bed Elev. 565.6 ft	D E P T H	B L O W S	U C S Qu	M O I S T
Gray Moist CLAY LOAM (Till) (continued)								
						3		
						4	3.1	13
						8	B	
						507.70		
						1		
						4	2.4	13
						5	B	
						1		
						2	1.6	14
						4	B	
						507.70		
						1		
						4	2.1	13
						4	B	
						507.70		
Boring Complete								
						1		
						3	2.2	14
						5	B	
						507.70		

File Name: S:\SOILS\GINT\FILEMONTGOMERY\068-0511\_IL\_127\_OVER\_MILLER\_CREEK\GPU Data Template\DT5\EMPLT.GDT Date Printed 8/10/10  
Latitude 39.0 9.695N Longitude 88.2 29.246W Datum NAD83 Job Number 72866

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)

BENTON &amp; ASSOCIATES, INC.

FILE NAME = P:\07el820-2\ Design\	USER NAME =	DESIGNED - MBH	REVISED -
Plans\ Structure Sheets\		CHECKED - SJH	REVISED -
0680511-72866-020-Boring2.dgn	PLOT SCALE =	DRAWN - MBH	REVISED -
	PLOT DATE =	CHECKED - SJH	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

(Sheet 2 of 2)

SOIL BORINGS  
STRUCTURE NO. 068-0511

SHEET NO. 20 OF 20 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	105B-1	MONTGOMERY	63	41
CONTRACT NO. 72866				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				