



Illinois Department  
of Transportation  
Division of Highways  
District 6

# SOIL BORING LOG

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Date 3/5/09

ROUTE Old US 36 DESCRIPTION Old US 36 Over Walnut Creek LOGGED BY M. Tappan  
SECTION \_\_\_\_\_ LOCATION NE 1/4, SEC. 17, TWP. 14 N, RNG. 12 W, 4 PM  
COUNTY Scott DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 086-0004  
Station \_\_\_\_\_  
BORING NO. B-SA South Abut.  
Station 444+82  
Offset 12.0ft LT  
Ground Surface Elev. 519.8 ft

D E P T H  (ft)	B L O W S  (ft)	U C S  Qu	M O I S T  (%)	Surface Water Elev. <u>500.3</u> ft		D E P T H  (ft)	B L O W S  (ft)	U C S  Qu	M O I S T  (%)
				Stream Bed Elev. <u>499.3</u> ft					
				Groundwater Elev.:					
				▽ First Encounter	No Encounter				
				▽ Upon Completion	<u>497.8</u> ft				
				▽ After _____ Hrs.	Plugged				
(ft)	/6"	(tsf)	(%)	(ft)	/6"	(tsf)	(%)		
Brown Very Moist SILTY CLAY (Fill)				499.30					
	0			Very Dark Grey Well Indurated Clayey SHALE with Calcareous Shale Seams			3		
	1	0.4	18				15	-	14
	1	B					100/1"		
Grey and Brown				496.30					
	W			Auger Refusal - Boring Completed					
	O	0.2	15						
	H	B					-25		
	-5								
Brown Very Moist Weathered SILTY CLAY (Till)				513.80					
	W								
	O	0.1	23						
	H	B							
	0								
Olive Grey and Brown Moist				509.30					
	1	1.2	18						
	3	B					-30		
	-10								
Grey and Light Brown Very Weathered Clayey SHALE									
	3								
	6	3.0	20						
	10	S-11							
	1								
Light Brown and Grey									
	10	4.5+	15						
	13	P					-35		
	-15								
	2								
	11	4.5+	16						
	14	P							
	2								
Brown and Grey Weathered									
	11	4.5+	13						
	17	P					-40		
	-20								

File Name S:\SOILS\IGNT FILES\SCOTT\086-0004 OLD US 36 OVER WALNUT CREEK.GPJ Data Template DSTEMPLT.GDT Date Printed 3/24/09  
Latitude 39°39.600 N Longitude 90°27.425W Datum NAD83 Job Number

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)

086-0004 BORING LOG  
VARIOUS ROUTES  
SECTION D 6 SCOUR MITIGATION  
VARIOUS COUNTIES