

F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5605	11X-17L	Bureau & CASALLE	14	13
STA. 12		TO STA. 12		
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation  
Division of Highways  
Department, Ottawa

### SOIL BORING LOG

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Date 12/28/06

ROUTE FAU 5605 (US 8) DESCRIPTION US 8 - Mary St to Elm St in Spring Valley LOGGED BY Larry Myers

SECTION TX-1, 17L LOCATION SE 1/4, SEC. 36, TWP. 16N, RNG. 11E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft
Station _____					Stream Bed Elev. _____ ft
BORING NO. 1					Groundwater Elev.: _____ ft
Station 25+85					First Encounter _____ ft
Offset 41.00R L					Upon Completion _____ ft
Ground Surface Elev. 517.78	ft	(#)	(#)	(%)	After Hrs. _____ ft
Augered, brown, Sandy Clay Loam - 8					
516.26	2				
Medium, brown, Sandy Clay Loam with layers of Sandy Loam - 8		3	1.5	11.0	
	5		P		
513.78					
Hard, gray, Sandy Clay Loam Till with pieces of Limestone, red Shale and Coal after 10'		3			
	5	4.3		8.2	
	8		P		
	3				
	8	4.0		10.3	
	7		P		
	8				
	7	4.0		9.4	
	7		P		
	2				
	5	4.0		9.8	
	8		P		
	3				
	8	4.0		11.7	
	7		P		
502.26					
End of Boring					

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 (ASTM 1206) BESS, from 137 (Rev. 8-99)



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Date 12/28/06

ROUTE FAU 5605 (US 8) DESCRIPTION US 8 - Mary St to Elm St in Spring Valley LOGGED BY Larry Myers

SECTION TX-1, 17L LOCATION SW 1/4, SEC. 36, TWP. 16N, RNG. 11E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft
Station _____					Stream Bed Elev. _____ ft
BORING NO. 2					Groundwater Elev.: _____ ft
Station 17+85					First Encounter _____ ft
Offset 59.00R Rt					Upon Completion _____ ft
Ground Surface Elev. 528.18	ft	(#)	(#)	(%)	After Hrs. _____ ft
Augered, brown, Sandy Clay Loam - 8 with large concrete debris					
521.68					
Hard, brown, Sandy Clay Loam Till with pockets of fine to medium, Sand		4			
	8	4.5		10.8	
	8		P		
519.68					
Hard, brown to gray, Sandy Loam to Sandy Clay Loam Till with Cobble to Boulder sized rocks		7			
	15	>4.5		8.2	
	17		P		
516.68					
Limestone					
Auger Refusal @ 9.5					
Estimated to be a boulder, not the bedrock surface					
End of Boring					

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The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM 1206) BESS, from 137 (Rev. 8-99)

PLT DATE = 1/24/2007  
NAME = M7726  
SCALE = #SCALE\*  
PLT SCALE = #SCALE\*  
USER NAME = #USER\*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## BORING LOGS

SCALE: VERT. \_\_\_\_\_  
DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_