



### SOIL BORING LOG

Page 1 of 1  
Date 12/28/06

ROUTE FAU 5805 (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. 35, TWP. 18N, RNG. 11E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
BORING NO. 3 Station 40+88 Offset 71.00ft LI Ground Surface Elev. 518.90 ft					Groundwater Elev.: First Encounter 511.9 ft Upon Completion _____ ft After _____ Hrs. _____ ft
Very dense, brown, loamy, fine, Sand up to Cobble to Boulder size					
514.42					
Loose, brown, fine to medium, Sand	4				
	3			20.1	
	4				
511.90					
Brown, fine, Sand to Cobble to Boulder size Free Water @ 7.0'					
508.90					
Loose, brown, fine, Sand to coarse, Gravel with high potential for Cobbles to Boulders	3			17.8	
	5				
	3				
504.30					
Medium, brown, fine to medium, Sand with bands of weathered and reworked, Coal					
	5			28.0	
	7				
	10				
502.40					
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 D206) EBS, from 137 (Rev. 8-99)



### SOIL BORING LOG

Page 1 of 1  
Date 12/27/06

ROUTE FAU 5805 (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. 18N, RNG. 11E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
BORING NO. 4 Station 68+05 Offset 82.00ft RL Ground Surface Elev. 603.29 ft					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft
Augered, brown, Silty Clay Loam-silt					
599.29					
Very stiff, brown, Sandy Clay Loam/Sand Loam/loamy, Sand and Gravel and Silty Clay Loam	4				
	5	3.5	15.2		
	7		P		
	3			22.0	
	3		P		
593.79					
Medium, brown, very loamy, fine, Sand to coarse, Gravel with potential Cobbles to Boulders	5				
	8		9.5		
	10				
	8			13.7	
	9				
	10				
588.79					
Medium, brown, Silt to coarse, Sand with some fine to coarse, Gravel	5			13.5	
	10				
	11				
586.79					
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 D206) EBS, from 137 (Rev. 8-99)



### SOIL BORING LOG

Page 1 of 1  
Date 12/27/06

ROUTE FAU 5805 (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. 35, TWP. 18N, RNG. 11E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
BORING NO. 5 Station 34+88 Offset 35.00ft LI Ground Surface Elev. 487.15 ft					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft
Augered, brown, loamy, fine, Sand to coarse, Gravel with some Cobble to Boulder size					
482.15					
Very stiff, greenish gray, highly weathered and reworked, Shale	3			21.8	
	5	2.5			
	8		P		
480.15					
Hard, gray to white, Limestone					
Bedrock confirmed @ 7' with a second boring 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 D206) EBS, from 137 (Rev. 8-99)

1/24/2007  
PLOT DATE = 1/24/2007  
PLOT NAME = 45106  
PLOT SCALE = 1:1000  
USER NAME = #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## BORING LOGS

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_

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