

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(116) I	BUREAU	6	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 8/4/06

ROUTE US 34 DESCRIPTION Signal Masts: 35' W of West ST CL LOGGED BY Larry Myers
SECTION (15R)TS-1&I LOCATION NW 1/4, SEC. 27, TWP. 37N, RNG. 06E
COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	P	L	C	O	ft	P	L	C	O
BORING NO.	T	O	S	I	Stream Bed Elev.	H	S	Qu	T
Station	H	W	Qu	T	Groundwater Elev.:	(ft)	(6")	(tsf)	(%)
Offset	S				First Encounter				
Ground Surface Elev.					Upon Completion				
					After Hrs.				
Augered, aggregate and recycled asphalt parking lot and brown, Sand and Gravel fill						645.01			
Very soft, brown, Silty Clay	1		0.1	26.1					
	2	P							
Stiff, brown, Sandy Clay Loam Till						643.01			
	2		1.2	23.7					
	3	P							
Loose to very loose, brown, medium, Sand with layers of Sandy Loam						640.51			
	2			11.8					
	3								
	3								
	2			15.8					
	1								
	2								
Medium to dense, brown, fine to coarse, Sand with fine to coarse, Gravel with some Cobbles						635.01			
	2			12.4					
	7								
	14								
	10			5.2					
	16								
	17								
	17			5.2					
	16								
	20								

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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SOIL BORING LOG

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Date 8/4/06

ROUTE US 34 DESCRIPTION Signal Masts: 19' E of West St CL LOGGED BY Larry Myers
SECTION (15R)TS-1&I LOCATION NW 1/4, SEC. 27, TWP. 37N, RNG. 06E
COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	P	L	C	O	ft	P	L	C	O
BORING NO.	T	O	S	I	Stream Bed Elev.	H	S	Qu	T
Station	H	W	Qu	T	Groundwater Elev.:	(ft)	(6")	(tsf)	(%)
Offset	S				First Encounter				
Ground Surface Elev.					Upon Completion				
					After Hrs.				
Augered, black, Silty Clay						644.87			
Very stiff, brown, Silty Clay	3		2.5	22.2					
	4	P							
	3		2.0	15.0					
	3	P							
Medium, brown, fine to medium, Sand, with some fine to coarse, Gravel, and layers of Sandy Loam						640.87			
	8			7.1					
	8								
	6								
Very stiff, brown, Sandy Loam to Sandy Clay Loam						637.87			
	3		2.5	11.9					
	6	P							
	13								
Hard, tan, Silt						634.87			
	13		4.0	19.1					
	13	P							
Dense, clean, fine to coarse, Sand, with fine to medium, Gravel						633.87			
	16			2.9					
	16								
	22								
	25								
	11			2.5					
	17								
	24								

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)

DATE: * * * * *
FILE NAME: * * * * *
PLOT SCALE: * * * * *
USER NAME: * * * * *

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL SOIL BORINGS
FAP 316 (IL 26)
SECTION (116) I
BUREAU COUNTY
SCALE: DRAWN BY ARR
DATE 1/07 CHECKED BY JLS