



Illinois Department of Transportation  
Division of Highways  
District #3, Ottawa

### SOIL BORING LOG

Date 9/3/10

ROUTE US 34 (FAP 591) DESCRIPTION Intersection of US 34 at Lakewood Springs Dr., Plano LOGGED BY Larry Myers

SECTION 13R-2;14R-1 & BR-1(1);15R-1 LOCATION SW 1/4, SEC. 24, TWP. 37N, RNG. 6E

COUNTY Kendall 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 U R E	Surface Water Elev.	D E P T H	B L O W S	U C S	M O I S T U R E
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
Augered Black & Brown Silty Clay Loam and Sandy Clay Loam Fill							8		
							9	4.9	
	629.19						12		
End of Boring									
Medium Brown Sandy Clay Loam/Clay Loam		3							
		2	1.0	24.6					
		2	P						
	-5								
		2							
		2	0.5	15.3					
		2	P						
		2							
		4	0.5	13.6					
		3	P						
Medium to Dense Brown Fine Sand to Coarse Gravel with Layers of Fine/Coarse Sand	641.19								
	-10								
		8							
		13		4.9					
		17							
		6							
		8		4.6					
		15							
Medium Brown Fine to Coarse Sand with Minor Fine Gravel - Clean	635.69								
	-15								
		22							
		12		5.8					
		11							
		7							
		8		4.7					
		11							
End of Boring	631.19								
	-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)

EJM ENGINEERING, INC.  
411 South Wells Street Suite 800  
Chicago, Illinois 60607



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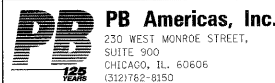
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STRUCT. NO.	D E P T H	B L O W S	U C S	M O I S T U R E	Surface Water Elev.	D E P T H	B L O W S	U C S	M O I S T U R E
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
Augered Black & Brown Silty Clay Loam Fill									
	648.34								
Medium to Stiff Brown Silty Clay		3							
		2	1.5	25.8					
		4	P						
	646.34								
Medium to Stiff Brown Sandy Clay Loam/Clay Loam		2							
		2	1.0	12.7					
		4	P						
		2							
		2							
		4							
		4							
		3							
		6	2.0	12.8					
		12	P						
Medium Brown Fine Sand to Coarse Gravel with Sand Layers	639.84								
		7							
		8		4.4					
		9							
	636.34								
Medium Brown Fine to Coarse Sand with Minor Fine Gravel - Clean		7							
		9		5.4					
		12							
End of Boring	634.34								
	-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)



FILE NAME =	DESIGNED - BKS	REVISED -
DRAWN - BKS	REVISED -	
PLOT SCALE = N.T.S.	CHECKED - BKS	REVISED -
PLOT DATE =	DATE - 4-7-11	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS  
US RTE 34 AND LAKEWOOD SPRINGS DRIVE

SCALE: N.T.S. SHEET NO. 9 OF 14 SHEETS STA. TO STA.

F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	248
CONTRACT NO. 66985				