

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KENDALL	37	26

STA. _____ TO STA. _____
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT _____

* FAP 591 (US 34)
 ** SECTION 06-00034-00-RP



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

SOIL BORING LOG

DATE 1/19/07

ROUTE FAP 591 (U.S. 34) DESCRIPTION US 34 at Waubensee College: Mast Arms LOGGED BY Larry Myers

SECTION 06-00034-00-RP LOCATION SE 1/4, SEC. 23, TWP. 37N, RNG. 06E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____ WEATHER COND. Sunny TEMP. 20°

BORING NO. 1 SE Quad	D	B	U	M	Surface Water Elev. _____ ft	D	B	U	M
Station 65+42	E	L	C	O	Stream Bed Elev. _____ ft	E	L	C	O
Offset 32.00ft Rt.	P	O	S	I	Groundwater Elev.: _____ ft	P	O	S	I
Longitude/Northing _____	T	W	S	S	First Encounter _____ ft	T	W	S	S
Latitude/Easting _____	H	S	Qu	T	Upon Completion *dry _____ ft	H	S	Qu	T
Ground Surface Elev. _____ ft	(ft)	(/6")	(tsf)	(%)	After _____ Hrs. _____ ft	(ft)	(/6")	(tsf)	(%)

Augered, black, Silty Clay- fill, Topsoil					Hole caved in at 15' AAR	18	>4.5	8.0
					End of Boring	22	P	
Very stiff, brown, Silty Clay Loam- fill	3							
	5	2.0	26.5					
	6	P						
Stiff, brown, Clay Loam	3							
	-5					-25		
	4	1.5	14.4					
	5	P						
Stiff, brown, Loam to Sandy Loam	1							
	3	1.0	11.0					
	4	P						
Medium, brown, fine to coarse, Sand with fine to coarse, Gravel	9							
	-10					-30		
	10		5.9					
	9							
	5							
	8		5.3					
	10							
Dense, brown, fine to coarse, Sand with fine to coarse, Gravel	10							
	-15					-35		
	14		7.0					
	17							
Hard, brittle, brown, Loam with high, Gravel content and layers of fine to medium, clean, Sand	10							
	-20					-40		

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)

Northing & Easting are in Illinois State Plan Coordinates (ISPC), East Zone.
 Longitude & Latitude are in North American Datum (NAD) 83, Decimal Degree.

PLOT DATE = 02/07
 FILE NAME = ZR1907TSBORINGS.DGN
 PLOT SCALE = 1" = 20'
 USER NAME = ARR



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

SOIL BORING LOG

DATE 1/19/07

ROUTE FAP 591 (U.S. 34) DESCRIPTION US 34 at Waubensee College: Mast Arms LOGGED BY Larry Myers

SECTION 06-00034-00-RP LOCATION SE 1/4, SEC. 23, TWP. 37N, RNG. 06E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____ WEATHER COND. Sunny TEMP. 20°

BORING NO. 2 NW Quad	D	B	U	M	Surface Water Elev. _____ ft	D	B	U	M
Station 64+59	E	L	C	O	Stream Bed Elev. _____ ft	E	L	C	O
Offset 45.00ft Lt.	P	O	S	I	Groundwater Elev.: _____ ft	P	O	S	I
Longitude/Northing _____	T	W	S	S	First Encounter _____ ft	T	W	S	S
Latitude/Easting _____	H	S	Qu	T	Upon Completion *dry _____ ft	H	S	Qu	T
Ground Surface Elev. _____ ft	(ft)	(/6")	(tsf)	(%)	After _____ Hrs. _____ ft	(ft)	(/6")	(tsf)	(%)

Augered black/brown Silty Clay- fill								
Very stiff, brown, Clay Loam- fill	2							
	3	2.0	18.2					
	3	P						
Stiff, brown, Clay Loam to Loam	2							
	-5							
	3	1.0	14.2					
	3	P						
Medium, brown, slightly loamy, fine, Sand to coarse, Gravel	6							
	8		5.6					
	10							
Hard, brown, Clay Loam with large Gravel pieces and layers of Silty Loam	7							
	-10					-30		
	10	4.3	11.3					
	7	P						
Boulder obstruction at 17'- Auger refusal	7							
No cave in AAR	14	4.0	11.7					
	14	P						
	5							
	-15					-35		
	7	4.3	11.9					
	7	P						
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 (AASHTO T206)

Northing & Easting are in Illinois State Plan Coordinates (ISPC), East Zone.
 Longitude & Latitude are in North American Datum (NAD) 83, Decimal Degree.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SIGNAL SOIL BORINGS
 FAP 591 (US 34)
 AND WAUBONSEE DRIVE
 SECTION 06-00034-00-RP
 KENDALL COUNTY

SCALE: VERT. _____
 DATE 02/07

DRAWN BY ARR
 CHECKED BY JLS