



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/5/12

ROUTE FAU 7623 (Harrison Ave) DESCRIPTION Proposed Box Culvert on East Harrison Ave new alignment LOGGED BY E. Sandschafer

SECTION 5N LOCATION NE, SEC. 13, TWP. 12 N, RNG. 9 E, 3 PM

COUNTY Coles DRILLING METHOD Hand Auger HAMMER TYPE N/A

STRUCT. NO. 015-8668
Station 64+50
BORING NO. 1
Station 64+54
Offset 0.0ft CL
Ground Surface Elev. 681.81 ft

Surface Water Elev. N/A ft
Stream Bed Elev. 100 ft
Groundwater Elev.:
First Encounter 675.8 ft
Upon Completion 676.3 ft
After 168 Hrs. 676.8 ft

DEPTH (ft)	DESCRIPTION	U	M
(ft)	/6" (tsf) (%)		
2.3	Very stiff, damp, gray, CLAY w/ trace Silt.	22	
2.3		22	
2.8	Gray marbled brown.	23	
677.81			
0.8	Medium, damp, gray marbled brown, SILTY CLAY.	23	
676.81			
0.0	Very soft, very damp, brown, SILTY LOAM.	21	
0.0		27	
0.0		29	
673.81			
1.5	Stiff, damp, brown, SANDY CLAY.	24	
1.5		15	
671.81			
1.3	Stiff, damp, gray, CLAY LOAM.	19	
670.31			
2.3	Stiff, damp, gray, CLAY LOAM	13	
669.81			
2.0	TILL.	13	
	Extent of exploration. (Hand auger refusal)		
-15	Note: All Qu tests by Pocket Penetrometer.		
	Proposed 10'x3' box culvert on new alignment of Harrison Ave, East of IL 16.		
-20			

File Name: S:\NEW GEOTECHNICAL\GINTDATA\PROJECTS\COLES CO (015)\015-8668 SOIL 2012 HARRISON STREET.GPJ Date Printed: 12/12/12 Latitude: W 88 deg 08.883 min Longitude: N 39 deg 29.465 min Datum: Job Number:

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating 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 =	USER NAME = steffenmk	DESIGNED -	REVISED -
ci:\pw_work\p\pidot\stevfenmk\d0158776\074423-sht-details.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/7/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BORING LOG

SCALE: NA SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	5N	Coles	271	118
CONTRACT NO. 74423				
ILLINOIS FED. AID PROJECT				