STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 4

Date 7/24/07

ROUTE FAP 823 (IL 15) DESCRIPTION Un-named Stream LOGGED BY E. Sandschafer

SECTION (22BY-1, 22BY2, 22BR)B-1 LOCATION SEC. 2, TWP. 2 S, RNG. 9 E, 3 PM

COUNTY Wayne DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 096-0016
Station 301+63.5

BORING NO. 2
Station 302+40
Offset 14.00ft Lt
Ground Surface Elev. 391.34 ft

Surface Water Elev. 376.32 ft
Stream Bed Elev. 375.46 ft

Groundwater Elev.:
First Encounter 373.8 ft
Upon Completion Washed ft
After ___ Hrs. N/A ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very soft, very damp, gray, SANDY LOAM. *(continued)*	5 6	0.2 B	25
-15	2 4 4	0.1 B	30
-50	7 8 13	0.6 B	23
-55			
331.84 -60	8		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff, damp, gray, SANDY LOAM TILL. *(continued)*	18 22	1.5 S	11
-65			
-70	50/5" 50/4" 50/2"		8
-75			
311.84 -80	37		

Latitude N 38 deg 10.398 min. Longitude N 38 deg 52.7 min. Map Datum WGS 84

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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Upon Completion Washed ft
After ___ Hrs. N/A ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very dense, moist, gray, SANDY CLAY SHALE. *(continued)* 310.84	50/3" 50/2"		7
Borehole continued with rock coring.			
-85			
-90			
-95			
-100			

Latitude N 38 deg 13.296 min. Longitude N 38 deg 22.719 min. Map Datum WGS 84

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BBS, from 137 (Rev. 8-99)

SOIL BORINGS
IL 15 OVER UNION
DRAINAGE DITCH
WAYNE COUNTY
STATION 301+65.00
STRUCTURE NO. 096-0071

SHEET NO. 19	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
20 SHEETS	823	(22BY-1) B-1	WAYNE	142	79
			CONTRACT NO. 74238		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BLANK, WESSELINK, COOK & ASSOCIATES ENGINEERS - CONSULTANTS DECATUR, ILLINOIS DESIGN FIRM NO. 184000894