STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 3

Date 7/20/07

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

SECTION (22BY-1, 22BY-2, 22BR)B-1 LOCATION E 1/2, 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. 096-0017
Station 295+50

BORING NO. 1
Station 294+73
Offset 12.00ft Lt
Ground Surface Elev. 391.69 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 384.77 ft

Groundwater Elev.:
First Encounter 357.2 ft
Upon Completion Washed ft
After 72 Hrs. 381.0 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
3" asphalt on 8" concrete pavement	390.79				
Stiff, damp, gray, CLAY.			4		
			3	1.3	24
			3	PP	
Medium, damp, gray, SILTY CLAY.	387.19	-5	0		
			2	0.7	29
			2	B	
Stiff, damp, gray mottled brown, CLAY w/ wood splinters.	384.69		2		
			3	2.1	19
			4	B	
		-10	1		
			2	1.2	29
			3	B	
Medium to stiff, damp, gray mottled brown, SILTY CLAY.	379.69		1		
			2	1.0	30
			3	B	
Stiff, damp, gray mottled red, CLAY.	377.19	-15	1		
			2	1.2	22
			3	B	
Medium to soft, damp, brown, SILTY LOAM.	374.69		1		
			2	0.9	24
			4	B	
		-20	1		
Medium to soft, damp, brown, SILTY LOAM. *(continued)*			1	0.4	22
			2	B	
Medium, damp, brown mottled gray, SILTY CLAY.	369.69		0		
			1	0.8	22
			2	B	
		-25	1		
			2	0.8	22
			3	B	
Stiff, damp, red marbled gray, CLAY TILL.	364.69		1		
			3	1.8	23
			5	B	
Medium, damp, red marbled gray, SILTY CLAY TILL.	362.19	-30	0		
			2	0.9	29
			3	B	
Very soft, very damp, red marbled gray, SILTY LOAM.	360.69				
Loose, wet, gray, very fine grained, SAND. *15% passing #200 sieve.*	357.19	-35	0		
			0		23
			0		
	351.69	-40	0		

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)

Latitude W 89 deg 10.133 min., Longitude N 38 deg 23.722 min., Map Datum WGS 84

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Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Loose, wet, gray, very fine grained, SAND. *12% passing #200 sieve.*			3		23
			4		
		-45	1		
			4		12
			4		
Medium, damp, gray, CLAY LOAM.	342.19	-50	1		
			2	0.8	13
			4	B	
Very dense, moist, gray, SANDY CLAY SHALE.	337.69	-55			
* 50/3", 50/1", 50/1" blow counts.					
Borehole continued with rock	331.69	-60	*		

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SOIL BORINGS

IL 15 OVER UNION DRAINAGE DITCH OVERFLOW
WAYNE COUNTY
STATION 295+41.00
STRUCTURE NO. 096-0072

SHEET NO. 21	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
23 SHEETS	823	(22BY2) B-1	WAYNE	142	58
			CONTRACT NO. 74238		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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