

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

Date 7/23/07

ROUTE FAP 823 (IL 15) DESCRIPTION Un-named Stream LOGGED BY E. Sandschafer
 (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. Station	BORING NO. Station Offset Ground Surface Elev.	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.		Groundwater Elev.:		D E P T H	B L O W S	U C S	M O I S T
						Dry ft	ft	First Encounter	ft				
096-0017 295+50	2 296+27 12.00 ft 391.89												
	2.5" asphalt on 7" concrete pavement. 390.89												
	1" aggregate subbase. 390.59												
	Medium, damp, gray, CLAY.												
		2											
		4	1.7	27									
		5	B										
		1											
		3	0.7	31									
		3	B										
		2											
		3	0.8	30									
		2	B										
		1											
		2	0.9	30									
		3	B										
		1											
		2	0.8	28									
		3	B										
		1											
		2	0.6	26									
		3	B										
		1											
		2	0.9	23									
		3	B										
		0											

Latitude N 23 46' 10.167" N, Longitude W 83 36' 22.727" W, Map Datum NAD83 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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						Dry ft	ft	First Encounter	ft				
096-0017 295+50	2 296+27 12.00 ft 391.89												
	Very loose, wet, gray, very fine graded, SAND, 34% passing #200 sieve.												
		0											
		0											
		19											
		12											
		15											
		Very dense, very moist, gray, SANDY LOAM. (continued)											
		330.99											
		Very dense, moist, gray, SANDSTONE.											
		12											
		50/5'											
		Extent of exploration.											
		326.99											
		19% passing #200 sieve. (continued)											
		45											
		2											
		4											
		22											
		50/0'											
		50/0'											
		Benchmark: WE-22 Chiseled square on top of NE headwall of existing structure 096-0017, Sta 294+98, 21' RI = 391.03' elevation. Provided by Program Development.											
		342.19											
		Stiff, damp, gray, SANDY CLAY LOAM.											
		4											
		7	1.9	17									
		14	B										
		4											
		342.19											
		332.19											
		6											

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 BBS, from 137 (Rev. 8-99)

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

SHEET NO. 23	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	823	(22BY2) B-1	WAYNE	142	60
23 SHEETS	CONTRACT NO. 74238				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		