

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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Date 7/26/07

ROUTE FAP 823 (IL 15) DESCRIPTION Un-named Stream LOGGED BY E. Sandschafer
 (22BY-1, 22BY2)
 SECTION 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. Station	BORING NO. Station	Offset	Ground Surface Elev.	D (ft)	B (#6")	U (pcf)	M (%)	S Qu	T	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
										ft	ft	ft	ft	ft	ft
096-0016 301+63.5	1 301+11	9.00 ft	391.43							378.32	375.45	374.1	378.6		
Extent of exploration. 311.23' - 50/2" 50/0" Benchmark WE-21 Chiseled square on top of NW wingwall of existing structure 096-0016, Sta 301+21, 22.5' Rt = 391.97' elev. Provided by Program Development.															

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)



SOIL BORING LOG

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Date 7/24/07

ROUTE FAP 823 (IL 15) DESCRIPTION Un-named Stream LOGGED BY E. Sandschafer
 (22BY-1, 22BY2)
 SECTION 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. Station	BORING NO. Station	Offset	Ground Surface Elev.	D (ft)	B (#6")	U (pcf)	M (%)	S Qu	T	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
										ft	ft	ft	ft	ft	ft
096-0016 301+63.5	2 302+40	14.00 ft	391.34							378.32	375.45	373.8	N/A		
4" aggregate shoulder. 391.04' Stiff, damp, gray, CLAY. Stiff, damp, gray, SILTY CLAY. (continued) 3 3 1.5 24 6 PP 366.84 1 2 1.0 28 3 B Soft to medium, damp, dark gray, SILTY LOAM. 384.34 1 1 0.3 26 1 B 381.84 1 3 1.5 28 4 B 1 2 0.5 28 3 S 1/4" soft, Silty Loam lenses caused low Qu. 376.84 2 2 0.3 24 3 B 356.84 3 5 0.2 26 6 B 373.84 1 3 0.3 29 3 B 373.54 3 B 371.84 2 3 Stiff, damp, gray, SILTY CLAY.															

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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. 18 20 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	823	(22BY-1) B-1	WAYNE	142	78
CONTRACT NO. 74238					
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		