

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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Date 6/29/07

ROUTE FAP 328 (US 45) DESCRIPTION Un-named Stream LOGGED BY E. Sandschafer

SECTION (9BR1, 10BR1)B-1 LOCATION Sec 15 - SE 1/4, Sec 22 - NE 1/4, SEC. TWP. 1 N, RNG. 7 E, 3 PM

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

STRUCT. NO. 096-0021
Station 507+50
BORING NO. 1
Station 506+93
Offset 9.50 ft Rt
Ground Surface Elev. 445.11 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 438.50 ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After Hrs. Filled ft

DEPTH	BULGE	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After
(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.
15.75"									
443.81									
	4								
	6	1.2	20						
	7	B							
440.11	2								
	4	2.0	24						
	6	B							
	2								
	4	1.4	21						
	5	B							
435.11	2								
	5	1.8	18						
	7	B							
432.61	11								
	50		12						
	50/1"								
	34								
429.71	50/4"		10						
	50/1"								

Latitude W 88 deg 24.412 min, Longitude N 38 deg 30 916 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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Date 6/29/07

ROUTE FAP 328 (US 45) DESCRIPTION Un-named Stream LOGGED BY E. Sandschafer

SECTION (9BR1, 10BR1)B-1 LOCATION Sec 15 - SE 1/4, Sec 22 - NE 1/4, SEC. TWP. 1 N, RNG. 7 E, 3 PM

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

STRUCT. NO. 096-0021
Station 507+50
BORING NO. 2
Station 508+06
Offset 11.00 ft Lt
Ground Surface Elev. 445.03 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 438.50 ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After Hrs. Filled ft

DEPTH	BULGE	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After
(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.
14.75"									
443.83									
	2								
	2	1.2	23						
	3	PP							
440.53	1								
	1	0.3	25						
	2	PP							
437.53	0								
	2	1.2	23						
	3	B							
	3								
	7	1.5	18						
	9	B							
432.33	6								
	11	2.4	13						
	23	BS							
	11								
	37	3.6	9						
	50/3"	B							
	44								
427.23	50/2"		8						
	50/1"								

Latitude W 88 deg 24.434 min, Longitude N 38 deg 30.939 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)

DESIGNED	--
CHECKED	--
DRAWN	J.G.
CHECKED	C.J.F., B.B.

SOIL BORINGS
U.S. 45 OVER BRANCH OF ELM RIVER
STATION 507+50.00



SHEET NO. 9	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	328	(9BR1,10BR1) B-1	WAYNE	67	49
9 SHEETS	SN 096-2012		CONTRACT NO. 74214		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

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