


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 23 23 SHEETS
FAS 2801 IL 128	(102B) B-1	EFFINGHAM	51	45	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract # 74232



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 6/12/07

ROUTE FAS 2801 (IL 128) DESCRIPTION Wolf Creek LOGGED BY E. Sandschafer

SECTION (102B)B-1 LOCATION NW 1/4, SEC. 7, TWP. 8 N, RNG. 4 E, 3 PM

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

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T U R E	Soil Description				D E P T H	B L O W S	U C S	M O I S T U R E
					(ft)	(/6")	(tsf)	(%)				
025-0046 974+66					Surface Water Elev. <u>536.99</u> ft							
					Stream Bed Elev. <u>534.49</u> ft							
					Groundwater Elev.:							
					First Encounter <u>Dry</u> ft							
					Upon Completion <u>Dry</u> ft							
					After <u>24</u> Hrs. <u>Dry</u> ft							
8" asphalt on 9" concrete pavement.					Benchmark: BM 529 chiseled square on top of SE wingwall of existing bridge, Station 975+61.9 Lt 18' = 565.08' elevation. Provided by Program Development. UPDATED Station 03/25/08.							
564.31					Stiff, damp, tan, SANDY CLAY.							
					1							
					2	1.2	11					
					2	PP						
561.21					Medium to very soft, very damp, brown, SANDY LOAM.							
					3							
					2	0.8	10					
					3	PP						
					3							
					4	0.2	14					
					5	PP						
556.21					Medium to stiff, damp, brown, SANDY CLAY TILL.							
					2							
					3	1.0	9					
					2	PP						
					2							
552.71					Stiff, damp, gray, CLAY LOAM TILL.							
					2	2.0	17					
					2	B						
					1							
550.11					Very dense, moist, brown, SANDSTONE.							
					4	0.6	15					
					4	B						
548.41					Extent of exploration.							
					50/3"		11					
					50/1"							
					50/0"							

Latitude W 88 deg 48.344 min, Longitude N 39 deg 03.464 min, Map Datum NAD 84

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Buttle, 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 - <u>BAS</u>
CHECKED - <u>KEF</u>
DRAWN - <u>SEM</u>
CHECKED - <u>RJA</u>

SOIL BORINGS
IL ROUTE 128 OVER WOLF CREEK
F.A.S. RTE. 2801 - SECTION (102B)B-1
EFFINGHAM COUNTY
STATION 974+76.00
STRUCTURE NO. 025-0105