STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
IDOT - Region 3/Dist 5

SOIL BORING LOG

Date 5/12/09

ROUTE FAS 1571 DESCRIPTION US 150 over South Branch Salt Creek 1 Mile East of Farmer City LOGGED BY CNA

SECTION 11BR-1 LOCATION NW, SEC. 35, TWP. 21N, RNG. 5E, 3rd PM

COUNTY Piatt DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 074-0008E 074-0087P
Station 50+00

BORING NO. 1 SW Abut.
Station 49+42
Offset 7.0 ft Rt.
Ground Surface Elev. 711.3 ft

Surface Water Elev. 696.4 ft
Stream Bed Elev. 690.9 ft

Groundwater Elev.:
First Encounter 695.3 ft ▼
Upon Completion Wash Bored ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Pavement	711.3				
Black/Gray Mottled Silty Clay (Embankment)	709.3		2		
		-5	2 2	1.0 B	25
			2		
			2 2	1.0 E	29
Black Silty Clay (Topsoil)	702.3		1		
		-10	2 2	0.7 B	31
Black to Green/Black Mottled Silty Clay Loam	701.3		1		
			2 2	1.2 B	25
			1		
		-15	1 2		27
Dirty Poorly Sorted Coarse Gray Sand with Silt Seams	695.3 ▼		2 3 6		
		-20	2 5 3		
Gray Silt			1 3 5		22
		-25	1 2 3		22
Gray Moderately Sorted Coarse Sand	684.3		0 0 5		
		-30			
Gray Clay Loam Till	676.8		3 6 11	2.0 B	12
		-35			
(Sand Seam)		-40	13 16 16		

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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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After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Clay Loam Till *(continued)*			3		
		-45	4 6	2.7 B	12
			2		
		-50	2 2	1.4 B	12
Gray Sandy Loam Till with Silt & Coarse Sand Seams	658.3		35		
		-55	23 28		7
		-60	5 11 13	6.3 S	9
Gray Sandy Loam Till with Silt & Coarse Sand Seams *(continued)*			25		
		-65	36 44		8
End of Boring	646.3				
		-70			
		-75			
		-80			

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MAURER & STUTZ, INC.
ENGINEERS SURVEYORS

DESIGNED	BAS
CHECKED	KEF
DRAWN	SGM
CHECKED	BAS

SOIL BORINGS
STRUCTURE NO. 074-0087

SHEET NO. 15	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1517	11BR-1	PIATT	48	32
16 SHEETS			CONTRACT NO. 70613		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		