

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation  
Division of Highways  
IDOT - Region 3 District 5

**SOIL BORING LOG**

Page 1 of 2

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	DEPTH (ft) 0	BLOWS (blows/ft)	UCS (tsf)	MOISTURE (%)	Surface Water Elev. 696.4 ft Stream Bed Elev. 690.9 ft	DEPTH (ft) 0	BLOWS (blows/ft)	UCS (tsf)	MOISTURE (%)
BORING NO. 2 NE Abut. Station 50+63 Offset 7.0 ft Lt. Ground Surface Elev. 711.1 ft	DEPTH (ft) 711.1	BLOWS (blows/ft)	UCS (tsf)	MOISTURE (%)	Groundwater Elev.: First Encounter 695.1 ft Upon Completion Wash Bored ft After Hrs. ft	DEPTH (ft) 711.1	BLOWS (blows/ft)	UCS (tsf)	MOISTURE (%)

Pavement	711.1				Gray Poorly Sorted Coarse Sand with Gravel (continued)				
Black/Gray Silty Clay (Embankment)	709.1				Gray Silt				
(No Sample Obtained)									
Black Silty Clay (Topsoil)	702.1				Gray Clay Loam to Sandy Clay Loam Till				
Black Organic Silty Clay with Trace of Sand	700.1								
Gray to Brown Dirty Coarse Sand with Gravel	695.1				Gray Clay Loam Till				
Gray Poorly Sorted Coarse Sand with Gravel	693.1				Gray Poorly Sorted Coarse Sand with Gravel				

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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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Gray Poorly Sorted Coarse Sand with Gravel (continued)					Gray Sandy Clay Loam Till (continued)				
					(Drilled Very Hard @ 62')				
Gray Sandy Clay Loam Till	683.1								
Gray Dense Silt	659.1								
Gray Sandy Clay Loam Till	654.1								

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DESIGNED -	BAS
CHECKED -	KEF
DRAWN -	SGM
CHECKED -	BAS

*SOIL BORINGS*  
STRUCTURE NO. 074-0087

SHEET NO. 16 16 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1517	11BR-1	PIATT	48	33
			CONTRACT NO. 70613		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					