STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 798	107 BR-1	FORD	92	87
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 8
8 SHEETS

Contract # 66698

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 10/25/04

ROUTE IL 115 DESCRIPTION Over Drainage Ditch 3.4 mile South of US 24 LOGGED BY Larry Meyers

SECTION 107BR-1 LOCATION NE 1/4, SEC. 28, TWP. 26N, RNG. 9E

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 027-0040
Station 178+89

BORING NO. 2 S. Abut
Station 179+28
Offset 7.00ft Lt
Ground Surface Elev. 710.68 ft

Surface Water Elev. 699.41 ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter ____ ft
Upon Completion ____ ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augured Bituminous, Concrete and Black Silty Clay.			
708.18			
Stiff Black Silty Clay.	2		
	3	1.0	37.3
	3	P	
-5			
705.18	2		
Stiff Brown/Gray Silty Clay (Loess).	2		
	3	1.5	23.8
		P	
	1		
	1	1.0	28.4
	2	P	
701.18			
Hard Brown Silty Clay Loam Till.	2		
-10			
	5	4.5	17.4
	10	B	
698.68			
Hard Gray Silty Clay Loam Till.	6		
	9	8.9	13.9
	11	S	
-15			
	6		
	10	6.9	14.2
	11	S	
	5		
	8	5.8	15.1
	11	B	
-20			
Hard Gray Silty Clay Loam Till. (continued)	4		
	6	5.1	18.6
	8	B	
688.68			
Very Stiff Gray Silty Clay Till.	4		
	5	3.3	22.0
	7	B	
-25			
	4		
	5	3.1	20.5
	7	B	
682.68			
Stiff Gray Clay Till.			
-30			
	3		
	4	1.8	26.6
	5	B	
676.68			
Medium Gray Silty Clay with Silt and Clay Layers.			
-35			
	1		
	1		24.9
	2		
672.68			
Medium Gray Fine Sand and Silt.			
-40			

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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First Encounter ____ ft
Upon Completion ____ ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium Gray Fine Sand and Silt. (continued)	WH		
	6		25.1
	12		
-45			
	3		
	10		17.7
	10		
662.68			
Medium Gray Fine Sand/Medium Gravel with some Sandy Loam Layers. Washed at 50'.			
-50			
	13		
	31		17.6*
	37		
657.68			
Hard Brown Sandy Clay Loam Till. Washed at 55'.			
-55			
	32		
	37	12.4	8.8*
	58	S	
654.18			
End of Boring			
-60			

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	MJB
DRAWN	MSJ
CHECKED	WCC

SOIL BORINGS
IL RTE 115 OVER DRAINAGE DITCH
TRIBUTARY TO NORTH VERMILLION RIVER
FAP RTE 798 SECTION 107 BR-1
FORD COUNTY
STATION 178+88.00
S.N. 027-0095

Prepared by: FOTH & VAN DYKE ASSOCIATES, INC.

FVD/DA Job 308.29