

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 798	107 BR-1	FORD	92	86
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract # 66698



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 10/21/04

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

SECTION 107BR-1 LOCATION NE 14, 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. 1 N. Abut
Station 178+45
Offset 6.50ft Rt
Ground Surface Elev. 710.75 ft

Surface Water Elev. 699.41 ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter _____ ft
Upon Completion 687.8 ft
After _____ Hrs. _____ ft

DEPTH (ft)	SOIL TYPE	UCS (tsf)	SPT (blows)	DEPTH (ft)	SOIL TYPE	UCS (tsf)	SPT (blows)
0	Augured Bituminous, Concrete and Black Silty Clay.			0	Hard Gray Silty Clay Loam Till. (continued)		
3				5			
4	Very Stiff Black Silty Clay Fill.	33.2		8		5.6	16.0
5				12		S	
708.25				688.75	Hard Gray Silty Clay Till.		
705.75	Medium Gray Silty Clay Loam.	19.0		4			
705.75				7		4.9	19.2
705.75				12		B	
700.25	Soft Brown Silty Clay/Silt.	30.1		-25			
698.25				3			
698.25	Hard Gray Silty Clay Loam Till.	15.6		6		4.0	20.2
698.25				9		B	
682.75					Very Stiff Gray Clay Till.		
682.75				2		1.0	26.2
682.75				3		P	
700.25				-10			
700.25				2		0.8	26.6
700.25				1		P	
700.25				2		0.3	30.1
700.25							
698.25				4			
698.25				7		4.7	15.6
698.25				8		S	
698.25				-15			
698.25				4			
698.25				5		4.0	15.5
698.25				8		B	
698.25							
672.75				4			
672.75				6		8.0	14.4
672.75				12		S	
672.75				-20			
672.75					Stiff Gray Clay with Silt Pockets at 41.5'.		

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)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 10/21/04

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

SECTION 107BR-1 LOCATION NE 14, 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. 1 N. Abut
Station 178+45
Offset 6.50ft Rt
Ground Surface Elev. 710.75 ft

Surface Water Elev. 699.41 ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter _____ ft
Upon Completion 687.8 ft
After _____ Hrs. _____ ft

DEPTH (ft)	SOIL TYPE	UCS (tsf)	SPT (blows)	DEPTH (ft)	SOIL TYPE	UCS (tsf)	SPT (blows)
0	Stiff Gray Clay with Silt Pockets at 41.5'. (continued)			2			
4				4		1.6	26.4
7				7		B	
668.75					Stiff Gray Sandy Clay Loam Till with Pockets (Layers) of Silt and Sand.		
668.75				-45			
662.75				10			
662.75				4		1.0	25.6
662.75				2		P	
662.75					Very Dense Gray Fine Sand/Coarse Gravel, some Loamy Areas.		
662.75				-50			
662.75				4			
662.75				6		3.1	22.6
662.75				11		B	
662.75							
662.75				24			12.7
662.75				36			
662.75							
662.75				20			
662.75				6		2.2	26.0
662.75				11		B	
662.75							
662.75				32			10.2
662.75				33			
662.75				-60			
654.25	End of Boring						

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