STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 326	119BR-2	GRUNDY	52	40
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 24
24 SHEETS

Contract #66688

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 2

Date 10/7/04

ROUTE Il 47 DESCRIPTION Over West Fork of Mazon River LOGGED BY Larry Meyers

SECTION 119BR-2 LOCATION NE 1/4, SEC. 33, TWP. 32, RNG. 7E, 3rd PM

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 032-0033
Station 466+12.5

BORING NO. 4 So. Abut
Station 465+38.5
Offset 6.00ft Rt
Ground Surface Elev. 587.40 ft

Surface Water Elev. 572.48 ft
Stream Bed Elev. ft

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Cored Bituminous and Concrete. Augured Brown Silty Clay Loam Fill.			
584.90			
Stiff Brown/Gray Silty Clay Loam Fill.	3		
	2	2.0	22.2
	1	P	
-5	2		
	1	2.0	23.5
	1	P	
	1		
	2	2.0	22.2
	2	P	
-10	2		
	3	2.0	18.5
	2	P	
575.40			
Stiff Brown/Gray Sandy Clay Loam Fill.	2		
	3	2.0	20.4
	3	P	
572.40 -15			
Hard Brown/Gray Silty Clay Loam Till. Silt/Silty Clay Layers at 21'.	2		
	5	9.1	11.9
	8	S	
	9		
	13	10.8	10.0
-20	16	S	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Brown/Gray Silty Clay Loam Till. Silt/Silty Clay Layers at 21'. (continued)	9		
	15	4.3	9.4
	12	S	
	5		
	7	7.6	14.9
	11	S	
-25	5		
	8	8.0	12.3
	13	S	
	7		
	10		
	11		
557.90			
Stiff Gray Silty Clay Loam Till with Silt and Fine Sand Layers. -30	4		
	4	1.7	19.3
	6	S	
554.40			
Hard Gray Silty Clay Loam Till.			
-35	12		
	21	8.2	9.2
	27	S	
-40			

File Name and/or Number
Latitude and Longitude

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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Page 2 of 2

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First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Gray Silty Clay Loam Till (continued)	24		
	31	10.4	9.4
	45	S	
-45	23		
	32	10.2	11.3
	42	S	
540.90			
End of Boring			
-50			
-55			
-60			

File Name and/or Number
Latitude and Longitude

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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)

BORING LOGS
IL 47 OVER WEST FORK MAZON RIVER
FAP ROUTE 326 - SECTION 119BR-2
GRUNDY COUNTY
STATION 466+07.00
STRUCTURE NO. 032-0116

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