STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 301	1-HBR-2	WINNEBAGO	57	45
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 26
27 SHEETS

Contract #64D50

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 5/17/07

ROUTE FA 194 DESCRIPTION P92-095-07 Meridian Road over Bypass 20 LOGGED BY W. Garza

SECTION - LOCATION Winnebago Twp. - 12 SW, SEC. , TWP. 26N, RNG. 11E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.
Station

BORING NO. B-4
Station 9+65
Offset 49.00ft Lt CL
Ground Surface Elev. 80.20 ft

Surface Water Elev. ft
Stream Bed Elev. 79.50 ft

Groundwater Elev.:
First Encounter 67.7 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown LOAM				0.8 P	14.0
STIFF brown SILTY CLAY LOAM	77.70		2 4 6	1.3 P	21.0
MEDIUM brown SANDY LOAM	76.20	-5	4 7 9		11.0
DENSE tan ROCK, weathered LIMESTONE	73.20		20 17 22		
MEDIUM tan moist SAND, medium GRAVEL	71.20	-10	9 10 8		
MEDIUM tan fine SAND	68.70	▼	8 13 14		
MEDIUM tan fine SAND	66.20	-15	5 7 7		
	63.70				
	61.20	-20			
MEDIUM tan fine SAND with SILT lens			2 4 7		
	58.70	-25			
Wash MEDIUM tan fine SAND	56.20		6 8 10		
	53.70	-30			
LOOSE tan fine SAND	51.20		1 2 4		
	48.70	-35			
Wash MEDIUM tan fine SAND	46.20		3 9 11		
	43.70	-40			
	41.20				

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
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SOIL BORING LOG

Page 2 of 2

Date 5/17/07

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After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash MEDIUM tan fine SAND			6 9 11		
	38.70				
Wash VERY DENSE tan SAND with medium GRAVEL	36.20	-45	30 37 46		
	33.70				
Wash VERY DENSE gray SILT with TILL			17 26 72	4.4 S	19.0
	31.20	-50			
DENSE gray CLAY LOAM TILL			20 18 23	5.4 S	15.0
	28.70				
End of Boring		-55			
		-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	GUN / OAO
CHECKED	FCO
DRAWN	TCS / GUN
CHECKED	FCO

HOH HARRY O. HEFTER-ASSOCIATES, INC. DESIGN AND CONSULTING ENGINEERS
55 East Jackson Blvd. Suite 600 Chicago, Il 60604 312-346-8131
PROJECT NUMBER 2945

SOIL BORING LOGS
MERIDIAN ROAD OVER US 20
F.A.P. 301 (US 20) - SEC. 1-HBR-2
WINNEBAGO COUNTY
STATION 100+00
STRUCTURE NO. 101-0096

11/13/2009 2:34:38 PM
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