

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 301	1-HBR-2	WINNEBAGO	57	42
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #64D50



SOIL BORING LOG

Page 1 of 2

Date 3/27/07

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.	DEPTH	BL	UCS	MOIST	Surface Water Elev.	DEPTH	BL	UCS	MOIST
Station	ft	(/6")	(tsf)	(%)	ft	ft	(/6")	(tsf)	(%)
BORING NO. B-1					Stream Bed Elev. 79.50				
Station 9+87					Groundwater Elev.:				
Offset 26.00ft Rt CL					First Encounter 67.0 ft				
Ground Surface Elev. 79.50					Upon Completion Wash				
					After Hrs.				
SILT brown SILTY CLAY LOAM			0.3 P	15.0	MEDIUM tan medium SAND	4			
						5			
					58.00	8			
MEDIUM light brown SILTY LOAM	77.00	1			Wash	3			
		1	0.5 B	28.0	MEDIUM tan fine SAND	8			
	75.50	4				13			
					55.50				
MEDIUM tan SANDY LOAM with LIMESTONE fragments		2			MEDIUM tan fine SAND	4			
		7		14.0		6			
	72.50	10				10			
					53.00				
MEDIUM/DENSE tan SANDY LOAM with LIMESTONE		10			Wash	3			
		12			MEDIUM tan fine SAND with SILT lens	7			
	70.50	18				9			
					50.50				
MEDIUM tan fine SAND		6			MEDIUM tan fine SAND	4			
		7				8			
	68.00	10				11			
					48.00				
LOOSE tan fine SAND		2			Wash	2			
		2			LOOSE tan fine SAND	3			
	65.50	4				5			
					45.50				
LOOSE tan medium SAND		2			Wash	2			
		3			MEDIUM tan fine SAND	6			
	63.00	4				10			
					43.00				
Wash MEDIUM tan medium SAND		3			Wash	4			
		5			MEDIUM tan fine SAND	8			
	60.50	8				12			
					40.50				

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)



SOIL BORING LOG

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Date 3/27/07

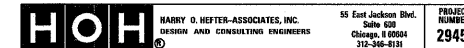
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BORING NO. B-1					Stream Bed Elev. 79.50				
Station 9+87					Groundwater Elev.:				
Offset 26.00ft Rt CL					First Encounter 67.0 ft				
Ground Surface Elev. 79.50					Upon Completion Wash				
					After Hrs.				
VERY DENSE gray well-cemented SAND with GRAVEL						12			
						26			
						32			
	37.50								
Wash VERY DENSE gray well-cemented SAND & GRAVEL with SILT lens, hard drilling						25			17.0
						29			
	35.50					29			
HARD gray SILTY CLAY TILL						10			
						14	5.4 S		18.0
						26			
	32.50								
DENSE gray dirty SAND & GRAVEL						22			
						22			
						15			
	30.00								
HARD gray SILTY CLAY TILL						11			
						17	5.2 S		15.0
						26			
	28.00								
Wash VERY DENSE gray/tan SAND & GRAVEL with LIMESTONE Auger Refusal at 54'						33			
						100/3'			
	25.50								
End of Boring									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

DESIGNED	GUN / QAO
CHECKED	FCO
DRAWN	TCS / GUN
CHECKED	FCO

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



2:33:35 PM

11/13/2009

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