STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 505	115 BR-1	WINNEBAGO	35	21
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 12 OF 12 SHEETS

Contract #64940

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 1/21/04

ROUTE IL 75 DESCRIPTION P92-091-03 IL 75 over Timothy Creek, 1/2 mile east of Meridian Road LOGGED BY C. Jenkins

SECTION LOCATION Rockton Twp. - NW, SEC. 31, TWP. 46N, RNG. 1E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE C-45

STRUCT. NO.
Station 70+94

BORING NO. B-2
Station 70+40
Offset 10.00ft Lt CL
Ground Surface Elev. 99.8 ft

Surface Water Elev. 89.0 ft
Stream Bed Elev. 88.5 ft

Groundwater Elev.:
First Encounter 87.8 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt					
STIFF tan/gray SANDY LOAM				1.2 P	15
	97.80				
MEDIUM tan/gray SILTY LOAM			2 2 3	0.7 P	20
	96.30				
STIFF black SILTY LOAM		-5	2 2 4	1.2 P	26
	93.80				
MEDIUM gray SANDY LOAM			2 2 2	0.7 P	14
	91.30				
MEDIUM gray/black SILTY LOAM		-10	2 2 2	0.7 P	24
	88.30				
LOOSE tan fine SAND			2 2 3		
	86.30				
Same as above		-15	1 2 2		
	83.80				
Same as above			1 2 3		
	81.30				
Same as above		-20			
Same as above (continued)			2 3 4		
	78.80				
Begin Wash LOOSE tan fine SAND			2 3 5		
	76.30				
Wash Same as above		-25	2 3 6		
	73.80				
Wash MEDIUM tan fine SAND with some GRAVEL			4 8 8		
	71.30				
Wash MEDIUM orange fine SAND with some GRAVEL		-30	4 6 10		
	68.80				
	66.30				
Wash MEDIUM tan fine SAND		-35	5 10 11		
	63.80				
	61.30				
		-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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After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash MEDIUM gray/tan fine SAND (continued)			3 6 9		
	58.80				
	56.30				
Wash LOOSE tan fine SAND		-45	1 2 5		
	53.80				
	51.30				
Wash LOOSE tan fine SAND		-50	1 2 3		
	48.80				
	46.30				
Wash MEDIUM tan fine SAND		-55	2 5 7		
	43.80				
	41.30				
		-60			
Wash MEDIUM tan fine SAND with some GRAVEL (continued)			6 13 18		
	38.80				
	36.30				
Wash MEDIUM tan fine SAND		-65	8 11 14		
	33.80				
	31.30				
Wash MEDIUM tan SANDY GRAVEL		-70	5 11 16		
	28.80				
	26.30				
Wash VERY DENSE tan well-cemented SANDY GRAVEL		-75	18 34 36		
	23.80				
End of Boring					
		-80			

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BBS, from 137 (Rev. 8-99)

DESIGNED	JLS
CHECKED	JDA
DRAWN	NOE
CHECKED	JLS

SOIL BORINGS
IL RTE 75 OVER
TIMOTHY CREEK
FAP ROUTE 505
SECTION 115BR-1
WINNEBAGO COUNTY
STA. 63+23.20
SN 101-0183