

BORING LOGS

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

SOIL BORING LOG

Page 1 of 1
Date 7/13/06

ROUTE IL 75 DESCRIPTION P92-019-07 Box culvert, 1.1 m. E. of Owen Center Road LOGGED BY Paul Drezen

SECTION _____ LOCATION Rockton Twp. - 22 SE, SEC., TWP. 46N, RNG. 1E

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

STRUCT. NO. 101-1032
Station _____

BORING NO. B-1
Station 334+15
Offset 11.50R Rt CL (S of CL)
Ground Surface Elev. 100.00 ft

Soil Description	Elev. (ft)	D (ft)	B (%)	U (tsf)	M (%)	Penetration Test Results			
						Surface Water Elev.	Stream Bed Elev.	Groundwater Elev. First Encounter	Groundwater Elev. Upon Completion
black LOAM	100.00			10.0					
MEDIUM brown SANDY LOAM	98.00	5							
	96.50	4	0.5	11.0					
		5	P						
STIFF brown SANDY LOAM		5							
	94.00	3	1.3	13.0					
		4	P						
MEDIUM brown SANDY LOAM		10							
	91.50	12	0.5	12.0					
		17	P						
VERY SOFT brown SANDY LOAM with weathered LIMESTONE		10							
	88.50	12		13.0					
		11							
DENSE tan SAND & GRAVEL with LIMESTONE		18							
	86.50	20							
		28							
DENSE tan SAND & GRAVEL with LIMESTONE		16							
	84.00	16							
		20							
DENSE tan SAND & GRAVEL		19							
	81.50	15							
		19							
MEDIUM tan SAND & GRAVEL		14							

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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SECTION _____ LOCATION Rockton Twp. - 22 SE, SEC., TWP. 46N, RNG. 1E

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

STRUCT. NO. _____
Station _____

BORING NO. B-2
Station 334+55
Offset 15.00R Lt CL
Ground Surface Elev. 99.00 ft

Soil Description	Elev. (ft)	D (ft)	B (%)	U (tsf)	M (%)	Penetration Test Results			
						Surface Water Elev.	Stream Bed Elev.	Groundwater Elev. First Encounter	Groundwater Elev. Upon Completion
MEDIUM black SANDY LOAM				0.5	9.0				
				P					
SOFT brown SANDY LOAM with GRAVEL	97.00	3							
	95.50	2	0.3	9.0					
		2	P						
SOFT black SANDY LOAM with GRAVEL		3							
	92.50	2	0.3	12.0					
		3	P						
MEDIUM brown SAND & GRAVEL		6							
	90.50	7							
		10							
Wash MEDIUM brown SAND & GRAVEL		10							
	88.00	13							
		16							
VERY DENSE brown SAND & GRAVEL		20							
	85.50	22							
		34							
VERY DENSE tan SAND & GRAVEL with weathered LIMESTONE		29							
	83.00	29							
		35							
VERY DENSE tan SAND & GRAVEL with weathered LIMESTONE		24							
	80.50	27							
		28							
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)

FILE NAME : D:\Projects\Winnebago\64E89 IL 75 Culvert	USER NAME : mcklausle	DESIGNED : ---	REVISED : ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		-----BORING LOGS-----		F.A.P. RTE. 505	SECTION 115RS-2	COUNTY WINNEBAGO	TOTAL SHEETS 120	SHEET NO. 64
PLDT SCALE : 1/8" = 1'-0"	CHECKED : ---	REVISED : ---	SCALE:					SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
PLDT DATE : Fri, Oct 09 11:14:55 2009	DATE : ---	REVISED : ---	CONTRACT NO. 64E89									