BORING LOGS

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

Date 8/17/03

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 culvert, 0.2 m. S. of Fuller Drive LOGGED BY C. Jenkins

SECTION 37 RS-3 LOCATION Rockvale Twp. - 33SE, SEC., TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. B-1a
Station 615+37
Offset 10.00ft Lt CL
Ground Surface Elev. 99.4 ft

Surface Water Elev. None ft
Stream Bed Elev. 93.5 ft

Groundwater Elev.:
First Encounter 87.9 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt Concrete					
MEDIUM brown SANDY LOAM with GRAVEL				0.5 P	
	96.90				
SOFT tan/brown SANDY LOAM with GRAVEL			3 3 4	0.4 P	
	95.40				
		-5			
SOFT brown SILTY LOAM with GRAVEL			1 1 3	0.4 S	
	92.40				
LOOSE dirty brown SANDY GRAVEL			2 2 3		
	90.40				
		-10			
LOOSE dirty tan SANDY GRAVEL			2 2 3		
	87.90 ▼				
MEDIUM brown SANDY GRAVEL			9 6 7		
	85.40				
		-15			
LOOSE tan SANDY GRAVEL with LIMESTONE fragments			2 3 4		
	82.90				
LOOSE tan river SAND & GRAVEL			5 4 4		
	80.40				
		-20			
MEDIUM tan river SAND & GRAVEL			2 5 5		
	77.90				
Same as above			0 5 10		
	75.40				
		-25			
Same as above			9 5 7		
	72.90				
	70.40				
		-30			
Begin Wash Same as above			12 9 10		
	67.90				
	65.40				
		-35			
DENSE tan SANDY GRAVEL			10 14 16		
	62.90				
Wash MEDIUM tan SANDY GRAVEL			3 10 16		
	60.40				
End of Boring					
		-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)

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials
Rockvale Twp. - S.E. 1/4 Sec. 33 - T24N, R10E

Units English
Bridge Foundation
Boring Log

PROJECT P92-064-86 BRIDGE Retaining Wall - Area 1 - IL 2, Byron to Oregon Date 09/18/95 Sh. 1 of 1

ROUTE FA 742 Bored By G. Stern

SEC. 37 RS-3 STA. 1842 + 47.96 Checked By T. Bratt

COUNTY Ogle
Boring No. B-3
Sta 615+44
O/S 11.5' Rt CL

Surf Wat El. ___
Grndwater El. at Compl 669.4
At ___ Hrs ___

Description	Elev.	DEPTH (ft)	N	Qu t/sf	W %
Ground Surface 679.4		0			
Pavement					
MEDIUM brown SILT TILL w/gravel @ top			11 16 13	1.0 E	10
		-5			
MEDIUM tan/gold SILT TILL			11 11 10		6
JDIUM dirty gray SAND & GRAVEL			7 6 13		
		-10			
DENSE light tan SAND & GRAVEL			19 20 21		
First Encounter	V				
DENSE tan/gray SAND & GRAVEL			9 13 17		
		-15			
LOOSE tan SAND & GRAVEL			6 3 5		
		-20			
			next column		

Description	Elev.	DEPTH (ft)	N	Qu t/sf	W %
MEDIUM tan/gray SAND & GRAVEL			6 7 9		
		-25			
DENSE tan/gray SAND & GRAVEL			20 20 15		
		-30			
Same as above			19 21 23		
		-35			
Same as above			13 18 17		
END OF BORING					
		-40			
		-45			

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cz\pw_work\PWIDOT\CUSHMANBW\dms34123\d06486logs.dgn		DRAWN -	REVISED -			742	37R-3	OGLE	345	205
	PLOT SCALE = 1980.0240 in / IN.	CHECKED -	REVISED -					CONTRACT NO. 84788		
	PLOT DATE = Fri May 01 08:36:52 2009	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		