BORING LOGS

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

Units Metric
Bridge Foundation
Boring Log

PROJECT _____ BRIDGE IL 2 over ditch 2.41 km North of IL 64 in Oregon (by Silo) Date 06/27/96 Sh. 1 of 1

ROUTE FA 742 (IL 2) Bored By J. Robertson

SEC. 37RS-3 STA. 1881 + 92 Checked By T. Bratt

COUNTY Ogle
Boring No. B-2
Sta 654+46
O/S 9.91 m Rt CL

Surf Wat El. 98.66
Grndwater El. at Compl 91.80
At ____ Hrs ____

Description	DEPTH	N	Qu kPa	W %
Ground Surface 99.21	0m			
SOFT tan SILTY CLAY LOAM			48 P	24
Streambed Elev.-98.63				
STIFF Same as above	-1	5 5 5	115 B	25
SOFT Same as above		1 3 2	38 B	29
VERY SOFT Same as above with SAND lens		3 2 4	19 B	30
VERY LOOSE brown fine SAND	-3	0 1 2		
SOFT tan SILTY CLAY		2 4 4	38 B	26
MEDIUM river SAND & GRAVEL with LIMESTONE fragments	-5	1 11 14		
VERY DENSE river SAND & GRAVEL with LIMESTONE fragments		11 30 30		
First Encounter V DENSE yellow weathered LIMESTONE		17 21 23		
		next column		

Description	DEPTH	N	Qu kPa	W %
DENSE yellow weathered LIMESTONE	-7	21 22 20		
DENSE SAND & GRAVEL with LIMESTONE fragments		35 23 18		
DENSE Same as above		16 17 23		
END OF BORING	-9			
	-11			
	-13			

N-Std Pentr Test: 5cm OD Sampler, 63.5Kg Hammer, 76cm Fall (Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

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

SOIL BORING LOG

Page 1 of 1

Date 3/5/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, south of Stronghold Entrance LOGGED BY Be. Wetzell

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

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

STRUCT. NO. _____
Station _____

BORING NO. B-4a
Station 672+75
Offset _____
Ground Surface Elev. 687.00 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion _____ ft
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY				1.0 P	20.0
	684.50		3		
MEDIUM brown SILTY CLAY			4 4	0.6 B	28.0
	683.00	-5	1		
MEDIUM brown SILTY CLAY			2 3	0.6 B	31.0
	680.50		0		
SOFT brown SILTY CLAY LOAM			1 2	0.4 B	21.0
	677.50	-10	1		
LOOSE brown fine SAND			3 4		
	675.50		3		
MEDIUM tan fine SAND			7 9		
	673.00	-15	3		
MEDIUM tan fine SAND			6 7		
	670.00		3		
MEDIUM brown SILTY LOAM			4 7	0.6 B	23.0
	668.00	-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash			5		
SOFT brown SILTY LOAM with SAND lenses			8 14	0.4 P	24.0
	665.50				
End of Boring					
		-25			
		-30			
		-35			
		-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)

FILE NAME = c:\pw_work\PWIDOT\CUSHMANBW\dms34123\d064861logs.dgn	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P RTE. 742	SECTION 37R-3	COUNTY OGLE	TOTAL SHEETS 345 / SHEET NO. 217
		DRAWN -	REVISED -					CONTRACT NO. 84788	
	PLOT SCALE = 1988.0040 in / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
	PLOT DATE = Fri May 01 08:36:58 2009	DATE -	REVISED -						