BORING LOGS

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

SOIL BORING LOG

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Date 3/4/08

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright Lane LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station

BORING NO. B-7b
Station 637+00
Offset 70.00ft Rt CL
Ground Surface Elev. 682.30 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 672.8 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan clean medium coarse SAND (continued)	641.30		11 11		
Wash MEDIUM tan SANDY GRAVEL	638.80		8 13 14		
Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL	636.30	-45	9 10 13		
	633.80				
Wash DENSE tan SANDY GRAVEL	631.30	-50	14 19 21		
End of Boring		-55 -60			

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. - SE 1/4 Sec. 33 - T24N, R10E

Units Metric
Bridge Foundation Boring Log
Sh. 1 of 1

PROJECT
BRIDGE IL 2 over ditch
2.41 km North of IL 64 in Oregon (by Silo)
Date 06/27/96
ROUTE FA 742 (IL 2)
Bored By J. Robertson
SEC. 37RS-3
STA. 1881 + 92
Checked By T. Bratt

COUNTY Ogle
Boring No. B-1
Sta 654+22
O/S 6.09 m Lt CL

Surf Wat El. 98.66
Grndwater El. at Compl 92.04
At ____ Hrs ____

Description	Elev.	DEPTH	N	Qu kPa	W %
Ground Surface 100.12 0m SOFT black/brown SILT LOAM				19	23 P
MEDIUM tan SILTY CLAY LOAM		-1	3 4 4	77 B	22
STIFF Same as above Streambed Elev.-98.63			4 4 5	116 153 B	25
T Same as above			2 4 3	.40 38 B	30
VERY SOFT tan SILT CLAY with SAND lens		-3	2 2 1	00 P	30
LOOSE tan fine to course SAND			1 2 3		
VERY DENSE tan weathered LIMESTONE		-5	16 24 26		
VERY DENSE Same as above with tan SAND lens			19 23 27		
DENSE tan weathered LIMESTONE			13 18 25		
First Encounter V					
DENSE tan weathered LIMESTONE		-7	21 22 26		
DENSE Same as above		-9	27 19 15		
DENSE river SAND & GRAVEL with LIMESTONE fragments END OF BORING		-11	18 18 21		
		-13			

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

FILE NAME = c:\pw_work\PWIDOT\CUSHMANBW\dms34123\d86486logs.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. 216
	PLOT SCALE = 1980.0040 in / IN.	DRAWN -	REVISED -					CONTRACT NO. 84788		
	PLOT DATE = Fri May 01 08:36:57 2009	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		DATE -	REVISED -							