BORING LOGS

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

SOIL BORING LOG

Page 1 of 2

Date 2/28/08

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. 23N, RNG. 10E

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

STRUCT. NO.
Station

BORING NO. B-4b
Station 634+00
Offset 24.00ft Lt CL
Ground Surface Elev. 681.80 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 669.8 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM				0.5 P	28.0
	679.80				
LOOSE brown dirty SAND			1		
			3		12.0
	678.30		4		
MEDIUM brown dirty SAND		-5	1		
			3		9.0
			7		
	675.30				
MEDIUM/DENSE tan dry clean medium coarse SAND			7		
			15		
	673.30		15		
DENSE tan moist clean medium coarse SAND		-10	9		
			15		
	670.80		18		
	▼				
	668.30				
MEDIUM tan clean medium coarse SAND with medium GRAVEL		-15	8		
			9		
	665.80		8		
	663.30				
		-20	5		
MEDIUM tan clean medium coarse SAND with medium GRAVEL (continued)			10		
	660.80		9		
	658.30				
MEDIUM tan clean medium coarse SAND with medium GRAVEL		-25	9		
			8		
	655.80		9		
	653.30				
MEDIUM tan clean medium coarse SAND		-30	7		
			6		
	650.80		7		
	648.30				
MEDIUM tan clean medium coarse SAND with medium GRAVEL		-35	11		
			6		
	645.80		8		
	643.30				
		-40	7		

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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Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL (continued)			7		
	640.80		8		
	638.30				
Wash DENSE tan clean medium coarse SAND with medium GRAVEL		-45	16		
			21		
	635.80		18		
	633.30				
DENSE tan clean medium coarse SAND with medium GRAVEL		-50	15		
			19		
	630.80		18		
End of Boring					
		-55			
		-60			

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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\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. 209
	PLOT SCALE = 1980.0000 in / IN.	DRAWN -	REVISED -					CONTRACT NO. 84788		
	PLOT DATE = Fri May 01 08:36:54 2009	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		DATE -	REVISED -							