BORING LOGS

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

SOIL BORING LOG

Page 1 of 2

Date 3/6/08

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 B-53 Diedrich Automatic

STRUCT. NO.
Station

BORING NO. B-8b
Station 634+00
Offset 23.00ft Lt CL
Ground Surface Elev. 681.80 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 671.8 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM				0.8 P	16.0
STIFF brown SANDY LOAM	679.30		3		
			6	1.5 P	11.0
			6		
MEDIUM brown SAND	677.30	-5	4		
			5		
DENSE tan clean medium coarse SAND	675.30		7		
			7		
			11		
DENSE tan SANDY GRAVEL	672.80	▼ -10	20		
			11		
MEDIUM tan clean medium coarse SAND	670.30		22		
			16		
			6		
			9		
Wash MEDIUM tan clean medium coarse SAND	667.80	-15	13		
			7		
			6		
Wash MEDIUM tan SANDY GRAVEL	665.30		9		
			13		
			8		
	662.80	-20	8		
MEDIUM tan clean medium coarse SAND			12		
			15		
	660.30		14		
Wash DENSE tan SANDY GRAVEL	657.80	-25	8		
			19		
MEDIUM tan SANDY GRAVEL	655.30		15		
			10		
			10		
Wash MEDIUM tan clean medium coarse SAND	652.80	-30	16		
			8		
			12		
MEDIUM tan clean medium coarse SAND	650.30		8		
			10		
			13		
Wash MEDIUM tan clean medium coarse SAND	647.80	-35	14		
			10		
			15		
	645.30		14		
	642.80	-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)

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Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash			7		
MEDIUM tan clean medium coarse SAND with medium GRAVEL			8		
	640.30		10		
	637.80	-45			
Wash MEDIUM tan clean medium coarse SAND			14		
			15		
	635.30		13		
	632.80	-50			
Wash DENSE tan clean medium coarse SAND with medium GRAVEL			14		
			17		
	630.30		16		
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)

FILE NAME = c:\pw_work\PWIDOT\CUSHMANBW\dms34123\d064861ogs.dgn	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			742	37R-3	OGLE	345	208
	PLOT SCALE = 1980.0040 in / IN.	CHECKED -	REVISED -					CONTRACT NO. 84788		
	PLOT DATE = Fri May 01 08:36:53 2009	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		