BORING LOGS

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

SOIL BORING LOG

Page 1 of 2

Date 2/27/08

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-3b
Station 635+03
Offset 35.00ft Lt CL
Ground Surface Elev. 683.20 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 668.7 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT dark brown SILTY LOAM				0.3 P	16.0
	681.20				
STIFF brown LOAM			4		
			3 5	1.5 P	15.0
	679.20				
MEDIUM brown clean medium SAND with GRAVEL		-5	4		
			3 7		
	677.20				
DENSE tan clean medium SAND with GRAVEL			12		
			15 16		
	674.70				
MEDIUM tan clean medium coarse SAND with GRAVEL		-10	9		
			12 16		
	672.20				
	669.70				
MEDIUM tan clean medium coarse SAND with GRAVEL		▼ -15	13		
			10 8		
	667.20				
	664.70				
		-20	5		
MEDIUM tan clean medium coarse SAND with GRAVEL (continued)			6		
	662.20		8		
	659.70				
Wash MEDIUM tan clean medium coarse SAND with GRAVEL		-25	8		
			11 14		
	657.20				
	654.70				
Wash MEDIUM tan clean medium coarse SAND with GRAVEL		-30	9		
			8 8		
	652.20				
	649.70				
Wash MEDIUM tan clean medium coarse SAND with GRAVEL		-35	13		
			13 13		
	647.20				
	644.70				
		-40	6		

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 (%)
MEDIUM tan clean medium coarse SAND with GRAVEL (continued)			7		
	642.20		14		
	639.70				
Wash MEDIUM tan clean medium SAND with GRAVEL		-45	15		
			19 11		
	637.20				
	634.70				
DENSE tan clean medium coarse SAND with GRAVEL		-50	14		
			15 17		
	632.20				
End of Boring					
		-55			
		-60			

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