STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SOIL BORING LOG

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-2b
Station 636+00
Offset 26.00ft RT CL
Ground Surface Elev. 683.30 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 671.3 ft
Upon Completion Wash ft
After Hrs. ft

DEPTH (ft)	BLOWS (R)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
			0.5 P	17.0	MEDIUM brown SILTY CLAY LOAM
681.30		13			
		10		13.0	MEDIUM tan LOAM
679.80		9			
-3		3			STIFF brown SANDY LOAM
		2	1.5	14.0	
676.80		3	P		
		7			MEDIUM/DENSE tan dry clean medium coarse SAND
674.80		15			
		15			
-10		19			DENSE tan clean medium coarse SAND
672.30		25			
		29			
▼		12			MEDIUM tan clean medium coarse SAND
		13			
669.60		16			
-15		9			MEDIUM tan clean medium coarse SAND with medium GRAVEL
		12			
667.30		16			
664.80					
-20		6			

DEPTH (ft)	BLOWS (R)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
		7			MEDIUM tan clean medium coarse SAND *(continued)*
662.30		12			
659.80					
-25		6			Wash
		14			MEDIUM tan clean/medium coarse SAND
657.30		10			
654.80					
-30		12			MEDIUM tan clean medium coarse SAND
		14			
652.30		14			
649.80					
-35		16			Wash
		15			MEDIUM/DENSE tan fine SAND with medium GRAVEL
647.30		15			
644.80					
-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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DEPTH (ft)	BLOWS (R)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
		10			Wash
642.30		10			MEDIUM tan clean medium coarse SAND *(continued)*
639.80					
-45		9			Wash
		12			MEDIUM tan clean medium coarse SAND
637.30		15			
634.80					
-50		17			Wash
		18			DENSE tan clean medium coarse SAND
632.30		16			End of Boring
-55					
-60					

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BBS, from 137 (Rev. 8-99)

DESIGNED	DFM
CHECKED	DSG
DRAWN	EBS
CHECKED	DFM

Howard R. Green Company

BORING LOGS
IL. RTE. 2
RETAINING WALL B
STA. 634+70.00 TO STA. 637+05.00

SHEET NO. 9	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12 SHEETS	742	37 R-3	OGLE	345	169
		SN 071-7002	CONTRACT NO. 84788		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		