STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SOIL BORING LOG

Date 3/4/08

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

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 NW, SEC. , TWP. 23N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. _____
Station _____

BORING NO. B-5b
Station 635+00
Offset 25.00ft Rt CL
Ground Surface Elev. 682.20 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 672.2 ft ▼
Upon Completion wash ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				STIFF brown SILTY LOAM
		1.2 P	21.0	
679.70				
	6			STIFF brown SANDY LOAM
	5	1.7 P	12.0	
678.20	4			
-3				
	2			STIFF tan SILT
	4	1.1 P	23.0	
675.20	5			
	7			MEDIUM tan medium SAND with GRAVEL
	12			
673.20	16			
▼-10				
	9			MEDIUM tan medium SAND & GRAVEL
	10			
670.70	12			
	4			MEDIUM tan fine SAND with GRAVEL
	7			
668.20	12			
-15				
	7			MEDIUM tan SANDY GRAVEL
	9			
665.70	6			
	5			MEDIUM tan SANDY GRAVEL
	7			
663.20	7			
-20				
				Wash
	7			MEDIUM tan SANDY GRAVEL
	9			
660.70	11			
	11			MEDIUM tan SANDY GRAVEL
	7			
658.20	9			
-25				
	12			Wash
	13			MEDIUM tan SANDY GRAVEL
655.70	10			
	10			Wash
	12			MEDIUM tan fine SAND with GRAVEL
653.20	15			
-30				
	10			Wash
	12			MEDIUM tan SANDY GRAVEL
650.70	16			
	9			Wash
	9			MEDIUM tan SANDY GRAVEL
648.20	11			
-35				
	13			Wash
	15			MEDIUM tan SANDY GRAVEL
645.70	15			
	13			MEDIUM tan SANDY GRAVEL
	10			
643.20	9			
-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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First Encounter 672.2 ft ▼
Upon Completion wash ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
	9			Wash
	8			MEDIUM tan SANDY GRAVEL
640.70	10			
	7			Wash
	10			MEDIUM tan SANDY GRAVEL
638.20	14			
-45				
	20			Wash
	23			DENSE tan SANDY GRAVEL
635.70	19			
	14			Wash
	14			MEDIUM tan SANDY GRAVEL
633.20	16			
-50				
	16			Wash
	20			DENSE tan SANDY GRAVEL
630.70	22			
				End of Boring
-55				
-60				

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BBS, from 137 (Rev. 8-99)

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

DESIGNED	DFM
CHECKED	DSG
DRAWN	EBS
CHECKED	DFM

Howard R. Green Company

SHEET NO. 10	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12 SHEETS	742	37 R-3	OGLE	345	170
		SN 071-7002	CONTRACT NO. 84788		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		