STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SOIL BORING LOG

Page 1 of 1

Date 4/29/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall on IL 2, 2.8 m. N. of Mud Creek Road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 10 SW, SEC., TWP. 24N, RNG. 10E

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

STRUCT. NO. _____
Station _____

BORING NO. B-1e
Station 874+00
Offset 13.00ft Lt CL
Ground Surface Elev. 683.80 ft

Surface Water Elev. 91.40 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 674.3 ft ▼
Upon Completion Wash ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE brown dirty SAND			
681.80			
MEDIUM tan SAND & GRAVEL	5		
	8		
680.30	9		
MEDIUM tan clean medium coarse SAND	3		
-5	4		
677.80	7		
MEDIUM tan moist clean medium coarse SAND	4		
	7		
675.30	7		
▼			
LOOSE tan clean medium coarse SAND	2		
-10	2		
672.80	7		
LOOSE tan clean medium coarse SAND	2		
	3		
670.30	5		
MEDIUM tan clean medium coarse SAND	6		
-15	7		
667.80	11		
Wash			
MEDIUM tan SANDY GRAVEL	2		
	5		
665.30	7		
-20	6		
Wash	5		
MEDIUM tan clean medium coarse SAND (continued)	9		
662.80			
Wash	5		
MEDIUM tan SANDY GRAVEL	6		
660.30	10		
MEDIUM tan SANDY GRAVEL	3		
-25	5		
657.80	7		
Wash	7		
MEDIUM tan SANDY GRAVEL	11		
655.30	12		
MEDIUM tan SANDY GRAVEL	4		
-30	5		
652.80	8		
End of Boring			
-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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COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. _____
Station _____

BORING NO. B-2e
Station 873+00
Offset 14.00ft Lt CL
Ground Surface Elev. 684.20 ft

Surface Water Elev. 91.40 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 674.7 ft ▼
Upon Completion Wash ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LOOSE brown dirty SAND			
682.20			
680.70			
MEDIUM tan clean medium coarse SAND	4		
-5	5		
678.20	9		
675.70			
▼			
MEDIUM tan clean medium coarse SAND	6		
-10	7		
673.20	9		
	1		
670.70			
LOOSE tan clean medium coarse SAND	1		
-15	3		
668.20	5		
Wash	10		
MEDIUM tan clean medium coarse SAND	10		
665.70	8		
-20	4		
LOOSE/MEDIUM tan clean medium coarse SAND with medium GRAVEL (continued)	4		
663.20	6		
MEDIUM tan SANDY GRAVEL	5		
	7		
660.70	9		
MEDIUM tan clean medium coarse SAND with medium GRAVEL	3		
-25	5		
658.20	12		
Wash	5		
MEDIUM tan SANDY GRAVEL	9		
655.70	13		
Wash	4		
MEDIUM tan SANDY GRAVEL	5		
-30	8		
653.20			
End of Boring			
-35			
-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)

DESIGNED	CTH
CHECKED	DFM
DRAWN	CTH
CHECKED	DFM

Howard R. Green Company

BORING LOGS
STRUCTURE NO. 071-7005

SHEET NO. 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
18 SHEETS	742	37R-4	OGLE	867	248
			CONTRACT NO. 64E17		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		