BORING LOGS

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

SOIL BORING LOG

Page 1 of 1

Date 4/3/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 at Mud Creek Road LOGGED BY Be. Wetzell

SECTION 37 RS-3 LOCATION Rockvale Twp. - 28NW, SEC. , TWP. 24N, RNG. 10E

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

STRUCT. NO.
Station

BORING NO. B-6d
Station 732+00
Offset 13.00ft Rt CL
Ground Surface Elev. 99.80 ft

Surface Water Elev. 91.50 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 87.3 ft ▼
Upon Completion 90.8 ft ▽
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT gray SILTY LOAM			0.4 P	18.0
	97.30			
MEDIUM gray SILTY CLAY LOAM		2		
		2	1.0	27.0
	95.80	3	B	
	-5			
VERY STIFF black SILTY CLAY LOAM		2		
		4	2.5	25.0
	93.30	9	P	
SOFT brown SILTY CLAY LOAM		1		
		2	0.3	22.0
	90.80▽	3	P	
	-10			
MEDIUM black SILTY CLAY LOAM		2		
		4	1.4	24.0
	88.30	5	B	
SOFT brown SILTY LOAM with LIMESTONE fragments	▼	1		
		2	0.5	23.0
	85.80	3	B	
	-15			
No Recovery		1		
		2		
	82.80	2		
VERY DENSE tan weathered LIMESTONE		23		
	81.30	100/4"		
End of Boring				
	-20			

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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Page 1 of 1

Date 4/3/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 at Mudd Creek Road LOGGED BY Be. Wetzell

SECTION 37 RS-3 LOCATION Rockvale Twp. - 28NW, SEC. , TWP. 24N, RNG. 10E

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

STRUCT. NO.
Station

BORING NO. B-7d
Station 733+00
Offset 13.00ft Rt CL
Ground Surface Elev. 99.70 ft

Surface Water Elev. 91.50 ft
Stream Bed Elev. ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM			0.7 P	20.0
	97.70			
STIFF brown SILTY CLAY LOAM		2		
		2	1.2	26.0
	96.20	4	B	
	-5			
STIFF gray SILTY CLAY LOAM		0		
		2	1.4	27.0
	93.70	8	B	
SOFT gray SILTY CLAY LOAM with LIMESTONE fragments		2		
		4	0.4	34.0
	91.20	5	P	
	-10			
MEDIUM black SILTY CLAY LOAM		1		
		3	0.6	35.0
	88.70	4	P	
SOFT black SILTY CLAY LOAM with LIMESTONE fragments		1		
		3	0.4	29.0
	86.20	3	P	
	-15			
SOFT tan very weathered LIMESTONE with SILT lenses		1		
		2		
	83.70	3		
VERY DENSE tan weathered LIMESTONE	82.20	100/2"		
End of Boring				
	-20			

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\GRANTPM\dms31213\d0660281ogs.dgn	USER NAME = grantpm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1980.0040 in / IN.	CHECKED -	REVISED -
	PLOT DATE = Tue Mar 30 09:31:28 2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	37R-4	OGLE	867	424
		CONTRACT NO. 64E17		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		