BORING LOGS
STA. 138 + 18
SN 066-1002

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

SOIL BORING LOG

Page 1 of 1

Date 6/19/07

ROUTE FAS 221 DESCRIPTION P92-123-07 box culvert on IL 94, .3 m. E. of Sunset Street LOGGED BY J. Strating

SECTION (19, 20) RS-2 LOCATION Edgington Twp. - 36SE, SEC. , TWP. 16N, RNG. 3W

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

STRUCT. NO.
Station 779+12

BORING NO. B-1g
Station 779+21
Offset 10.00ft Lt CL
Ground Surface Elev. 99.60 ft

Surface Water Elev. 90.90 ft
Stream Bed Elev. 90.70 ft

Groundwater Elev.:
First Encounter 82.6 ft ▼
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
14" Asphalt					
MEDIUM black SILTY CLAY LOAM	97.60			0.8 P	18.0
MEDIUM dark gray SILTY CLAY LOAM	96.10		1 3 4	1.0 P	25.0
MEDIUM gray/green SILTY CLAY LOAM	93.60	-5	2 3 5	1.0 P	23.0
MEDIUM gray SILTY LOAM	91.10		3 3 3	0.8 P	30.0
MEDIUM black SILTY LOAM	88.60	-10	1 2 3	0.5 P	44.0
SOFT gray SILTY LOAM with SAND lens	86.10		2 1 3	0.4 B	27.0
STIFF gray CLAY LOAM	83.10	-15	1 3 4	1.2 B	21.0
VERY STIFF gray CLAY LOAM TILL	81.10		▼ 2 4 8	3.3 B	22.0
		-20	6		
VERY STIFF gray CLAY LOAM TILL (continued)	78.60		10 12	3.7 B	18.0
VERY STIFF gray CLAY LOAM TILL	76.10		5 7 10	3.0 S	17.0
VERY STIFF gray/tan CLAY LOAM TILL	73.60	-25	5 6 8	2.8 B	15.0
VERY STIFF tan/brown CLAY LOAM TILL	71.10		3 3 6	2.0 B	18.0
VERY STIFF tan CLAY LOAM TILL	68.60	-30	5 8 12	2.7 B	14.0
HARD tan/brown CLAY LOAM TILL	66.10		9 11 18	6.3 B	14.0
HARD tan/brown CLAY LOAM TILL	63.60	-35	7 11 16	5.1 B	13.0
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)

Illinois Department of Transportation
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SOIL BORING LOG

Page 1 of 1

Date 6/25/07

ROUTE FAS 221 DESCRIPTION P92-123-07 Box culvert on IL 94, .3 m. E. of Sunset Street LOGGED BY J. Strating

SECTION (19, 20) RS-2 LOCATION Edgington Twp. - 36SE, SEC. , TWP. 16N, RNG. 3W

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

STRUCT. NO.
Station 779+12

BORING NO. B-2g
Station 779+00
Offset 52.00ft Rt CL
Ground Surface Elev. 93.40 ft

Surface Water Elev. 91.10 ft
Stream Bed Elev. 90.70 ft

Groundwater Elev.:
First Encounter 63.9 ft ▼
Upon Completion ___ ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM dark brown SILTY LOAM	91.40			0.5 P	29.0
MEDIUM tan/gray SILTY CLAY LOAM	89.90		2 4 3	1.0 B	26.0
SOFT tan/gray SILTY CLAY LOAM	87.40	-5	2 2 2	0.3 B	28.0
MEDIUM tan/gray SILTY CLAY LOAM	84.90		0 0 2	0.5 B	26.0
STIFF gray SILTY LOAM	82.40	-10	1 2 2	1.5 B	25.0
VERY STIFF gray CLAY LOAM	79.40		4 5 8	2.4 B	22.0
HARD gray CLAY LOAM TILL	77.40	-15	8 10 12	5.1 B	15.0
HARD gray CLAY LOAM TILL	74.90		9 11 15	4.5 B	16.0
STIFF gray CLAY LOAM TILL		-20	5		
STIFF gray CLAY LOAM TILL (continued)	72.40		7 8	1.3 B	17.0
VERY STIFF gray CLAY LOAM TILL	69.90		6 7 12	3.7 B	13.0
VERY STIFF gray CLAY LOAM TILL	67.40	-25	4 8 10	2.5 B	15.0
HARD gray CLAY LOAM TILL	64.90		7 10 14	4.5 B	14.0
HARD tan/gray CLAY LOAM TILL	62.40	-30	▼ 8 12 16	4.1 B	14.0
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)

* 221,213 & 220
** ROCK ISLAND & MERCER COUNTY

FILE NAME = c:\pw_work\pwidot\grantpm\d0184077\D212007-sht-logs.dgn	USER NAME = grantpm	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Thu Jun 23 08:10:24 2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(19,20)RS-2	**	231	79

CONTRACT NO. 64D72

ILLINOIS FED. AID PROJECT