BORING LOGS
STA. 479 + 36
SN 037-1189

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

SOIL BORING LOG

Page 1 of 1

Date 5/19/09

ROUTE FAS 226 DESCRIPTION 037-1107 P92-088-09 Box culvert on US 6, .75 m. W. of 950E LOGGED BY W. Garza

SECTION 3T & 3BR-1 LOCATION Edford Twp. - 21NE, SEC. , TWP. 17N, RNG. 2E

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

STRUCT. NO. 037-1107
Station 479+36

BORING NO. B-1b
Station 479+70
Offset 27.00ft Rt CL
Ground Surface Elev. 642.20 ft

Surface Water Elev. 91.00 ft
Stream Bed Elev. 90.50 ft

Groundwater Elev.:
First Encounter 630.2 ft ▼
Upon Completion 612.2 ft ▽
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown SILTY CLAY LOAM				0.3 P	23.0
	640.20				
MEDIUM brown SILTY LOAM			1 2 3	0.6 P	
	638.70				
MEDIUM brown SILTY CLAY LOAM		-5	1 2 3	0.8 B	28.0
	636.20				
MEDIUM light gray SILTY LOAM			1 2 3	0.5 B	28.0
	633.70				
MEDIUM light gray SILTY LOAM		-10	0 3 3	0.7 B	26.0
	630.70				
MEDIUM light gray dirty SANDY GRAVEL		▼	1 6 10		
	628.20				
STIFF gray CLAY LOAM TILL		-15	0 3 4	1.5 B	14.0
	626.20				
VERY STIFF gray CLAY LOAM TILL			1 4 5	2.3 B	13.0
	623.70				
		-20	1		
VERY STIFF gray CLAY LOAM TILL (continued)			4 7	2.7 B	14.0
	621.20				
MEDIUM gray CLAY LOAM TILL			5 6 8	0.8 P	25.0
	618.70				
VERY STIFF gray CLAY LOAM TILL		-25	3 6 11	3.3 B	8.0
	616.20				
VERY STIFF gray CLAY LOAM TILL			4 7 9	3.1 B	13.0
	613.70				
VERY STIFF gray CLAY LOAM TILL		▽-30	7 7 10	2.9 B	14.0
	611.20				
VERY STIFF gray CLAY LOAM TILL			2 5 10	3.9 B	14.0
	608.70				
VERY STIFF gray CLAY LOAM TILL		-35	4 6 10	3.9 B	19.0
	606.20				
HARD gray CLAY LOAM TILL			6 8 13	5.4 B	16.0
	603.70				
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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SECTION 3T & 3BR-1 LOCATION Edford Twp. - 21NE, SEC. , TWP. 17N, RNG. 2E

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

STRUCT. NO. 037-1107
Station

BORING NO. B-2b
Station 479+18
Offset 49.00ft Lt CL
Ground Surface Elev. 643.20 ft

Surface Water Elev. 91.00 ft
Stream Bed Elev. 90.50 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM				0.5 P	24.0
	641.20				
MEDIUM brown SILTY LOAM			0 2 2	0.6 B	32.0
	639.70				
SOFT brown SILTY CLAY LOAM		-5	0 1 3	0.3 B	32.0
	637.20				
STIFF tan LOAM			0 0 4	2.0 P	15.0
	634.70				
STIFF tan LOAM		-10	4 6 10	1.0 B	14.0
	632.20				
VERY STIFF gray CLAY LOAM TILL			2 6 8	2.9 B	11.0
	629.70				
VERY STIFF gray CLAY LOAM TILL		-15	2 6 7	2.1 P	13.0
	627.20				
VERY STIFF gray CLAY LOAM TILL			2 6 9	3.5 B	13.0
	624.70				
		-20	1		
VERY STIFF gray CLAY LOAM TILL (continued)			5 8	3.1 B	13.0
	622.20				
VERY STIFF gray CLAY LOAM TILL			1 5 6	2.7 B	13.0
	619.70				
VERY STIFF gray CLAY LOAM TILL		-25	1 5 6	2.9 B	16.0
	617.20				
VERY STIFF gray CLAY LOAM TILL			1 5 9	3.5 B	15.0
	614.70				
VERY STIFF gray CLAY LOAM TILL		-30	1 5 8	2.9 B	18.0
	612.20				
HARD gray CLAY LOAM TILL			2 5 10	4.3 B	16.0
	609.70				
VERY STIFF gray SILTY CLAY LOAM TILL		-35	2 5 10	2.7 B	18.0
	607.20				
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)

FILE NAME = C:\pw_work\pwidot\cushmanbw\d0169166\D208889-sht-logs.dgn	USER NAME = hogensonjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.S. RTE. 226	SECTION 3T & 3BR-1	COUNTY HENRY	TOTAL SHEETS 210	SHEET NO. 94
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -					CONTRACT NO. 64F25		
	PLOT DATE = Wed Oct 24 11:21:12 2012	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -							