



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 4/20/07

ROUTE FAP 646 (IL 40) DESCRIPTION Rt 40 over stream- N edge of Buda LOGGED BY Larry Myers

SECTION (104,121,122)RS-4 LOCATION NE 14, SEC. 33, TWP. 16N, RNG. 07E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-2523 D E L U M
Station **112+65.5 P L O C O
T W S I
H S Qu T
BORING NO. 2 NW Quad
Station 112+46.5
Offset 14.00ft Rt
Ground Surface Elev. *99.99 ft (ft) (6") (tsf) (%)

Soil Description	D (ft)	B (6")	U (tsf)	M (%)	Surface Water Elev. *89.30 ft	D (ft)	B (6")	U (tsf)	M (%)
Augered, black Milling, brown Shoulder Stone and black, Silty Clay- fill					Stream Bed Elev. _____ ft				
Stiff, black and gray, Silty Clay- fill	2				Groundwater Elev.: _____ ft				
	3	1.5	25.1		First Encounter _____ ft				
	3	P			Upon Completion <u>dry</u> ft				
					After _____ Hrs. _____ ft				
	-5	2							
	1	1.0	27.3						
	2	P							
	1								
	2	1.0	26.6						
	3	P							
	-10	1							
	1	1.0	29.4						
	2	P							
Very stiff, brown, Sandy Clay Loam Till									
	5								
	6	2.7	13.8						
	7	B							
Hard, reddish gray, Sandy Clay Loam Till									
	-15	6							
	7	4.3	12.5						
	11	S							
Very stiff, reddish gray, Sandy Clay Loam Till									
	5								
	7	2.3	13.0						
	9	B							
* CL of structure set at an elevation of 100'									
** Estimated from Straight Line Diagram									
	-20	4							

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 Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-2523 D E L U M
Station **112+65.5 P L O C O
T W S I
H S Qu T
BORING NO. 1 SE Quad
Station 112+82.5
Offset 14.00ft Lt
Ground Surface Elev. *99.50 ft (ft) (6") (tsf) (%)

Soil Description	D (ft)	B (6")	U (tsf)	M (%)	Surface Water Elev. *89.30 ft	D (ft)	B (6")	U (tsf)	M (%)
Augered, Shoulder Stone, black brown and black Silty Clay- fill					Stream Bed Elev. _____ ft				
Stiff to medium, black gray, Silty Clay- fill	2				Groundwater Elev.: _____ ft				
	3	1.8	22.7		First Encounter _____ ft				
	3	P			Upon Completion _____ ft				
					After _____ Hrs. _____ ft				
	-5	2							
	1	1.5	33.3						
	2	P							
	2								
	2	1.0	19.8						
	3	P							
Medium, black, Silty Loam with Gravel pieces- fill									
	-10	2							
	1	1.0	25.0						
	2	P							
Stiff, brown, Sandy Clay Loam Till									
	3								
	4	1.8	14.3						
	7	B							
Very stiff, reddish gray, Sandy Clay Loam Till									
	-15	3							
	5	2.5	13.2						
	8	B							
* CL of structure set at an elevation of 100'									
** Estimated from Straight Line Diagram									
	5								
	7	2.9	12.6						
	11	B							
	-20	4							

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)

FAP ROUTE 646 (IL 40)
SECTION (121)-1
BUREAU COUNTY
STA. 112+70
S.N. 006-2523

FILE NAME = c:\projects\main08\com315\detail.dgn	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED - 11/29/2007	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE. 646	SECTION (121)-2	COUNTY BUREAU	TOTAL SHEETS 13	SHEET NO. 9	
PLOT SCALE = 1/4" = 1'-0"	CHECKED -	REVISOR -	SCALE: _____			SHEET NO. 2 OF 6 SHEETS	STA. 110+10 TO STA. 115+30	FED. ROAD DIST. NO. ILLINOIS	CONTRACT NO. 66732		
PLOT DATE = Dec 13, 2007 - 07:08:02 AM	DATE -	REVISOR -									