STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

Page 1 of 1

Date 7/14/04

ROUTE F.A.U. 2774 (Oak Park Ave.) DESCRIPTION Over Union Drainage Ditch LOGGED BY MAO/JJR

SECTION LOCATION NW QUARTER, SEC. 6, TWP. 35N, RNG. 13E

COUNTY COOK DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME AUTOMATIC

STRUCT. NO. 016-1019 (Prop.)
Station
BORING NO. C-1
Station 86 + 35
Offset 46.00ft RT
Ground Surface Elev. 690.45 ft

Surface Water Elev. 684.84 ft
Stream Bed Elev. 683.35 ft
Groundwater Elev.:
First Encounter 675.5 ft
Upon Completion 683.5 ft
After 24 Hrs. 685.0 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very stiff brown CLAY (Fill)			2		
			3 4	2.7 B	25
	685.95				
Soft to stiff gray CLAY		-5	2		
			2 2	0.9 B	27
			2		
			2 2	1.5 B	26
		-10	0		
			0 0	0.3 B	32
			0		
			0 1	0.3 B	31
Sand seam at 15 ft; grades to very stiff		-15	2		
			3 5	2.6 B	23
	673.45				
Stiff gray SANDY CLAY			1		
			3 3	1.0 B	23
		-20			
Stiff gray SANDY CLAY (continued)			1		
			3 4	1.8 B	25
			2		
Grades w/ trace Gravel			6 7	1.8 B	26
	665.45	-25			
			4		
Stiff to hard gray CLAY			7 10	4.5 B	18
			5		
			7 9	4.1 B 1.3 B	19 21
		-30	4		
			8 12	6.1 B	18
		-35	2		
			4 5	1.7 B	23
End of Boring	653.95				
		-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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SOIL BORING LOG

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Date 7/15/04

ROUTE F.A.U. 2774 (Oak Park Ave.) DESCRIPTION Over Union Drainage Ditch LOGGED BY MAO/JJR

SECTION LOCATION NW QUARTER, SEC. 6, TWP. 35N, RNG. 13E

COUNTY COOK DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME AUTOMATIC

STRUCT. NO. 016-1019 (Prop.)
Station
BORING NO. C-2
Station 85 + 25
Offset 50.50ft LT
Ground Surface Elev. 691.34 ft

Surface Water Elev. 684.84 ft
Stream Bed Elev. 683.35 ft
Groundwater Elev.:
First Encounter DRY ft
Upon Completion DRY ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff brown CLAY (Fill)			2		
			2 3	1.7 S @ 13.6%	26
		-5	2		
			2 3	1.8 B	26
	684.34				
Stiff brown CLAY w/ Sand seams			1		
			2 2	1.2 B	26
	681.34	-10	0		
Soft to medium stiff Gray CLAY			2 1	0.7 S @ 13.6%	29
			0		
			0 0	0.3 B	31
	676.84	-15			
Stiff to very stiff Gray CLAY w/ Sand seams			1		
			2 3	1.9 B	22
Grades without Sand seams			3		
			5 7	3.5 B	20
		-20			
Stiff to very stiff Gray CLAY w/ Sand seams			4		
			6 9	3.2 B	19
Grades without Sand seams (continued)			2		
			3 4	1.7 B	21
		-25	2		
			3 6	1.9 B	22
			3		
			3 6	3.1 B	21
		-30	2		
			2 3	1.7 B	24
Grades w/ trace Sand		-35	2		
			3 4	1.5 P	16
End of Boring	654.84				
		-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)

BORING LOGS C-1 AND C-2

COLLINS ENGINEERS INC		SHEET NO. S11 OF S11 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED: LDB	CHECKED: JMH		2774	0306T	COOK	55	36
DATE: 1/29/09	DRAWN: DR		SN: 016-2848		CONTRACT NO. 60C07		
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		