Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 2

Date 8/13/03

ROUTE IL 23 DESCRIPTION IL 23 over Buck Creek, North of Ottawa LOGGED BY Larry Myers

SECTION 3 BR-1 LOCATION NW 1/4, SEC. 13, TWP. 34N, RNG. 3E, 3rd PM

COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 050-0045 (Exist.)
Station 240+48

BORING NO. 01 (N. Abut.)
Station 241+39.5
Offset 7.00ft Rt.
Ground Surface Elev. 618.54 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 565.5 ft ▽
After Hrs. ft

Description	Elev.	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Augered Bituminous Pavement, Concrete, Brown CA6 & Brown Sandy Clay Loam	616.54				
Stiff Brown Sandy Loam, Sandy Clay Loam, Silty Clay Loam, Brown Fill Sand (Fill)			2		
			3	1.0	15.0
			4	P	
		-5	4		
			2	2.0	14.0
			3	P	
Very Stiff Black & Gray Clay Loam Fill	611.54		2		
			5	3.0	17.0
			9	P	
Very Stiff Gray Sandy Clay Loam Fill	609.04	-10	2		
			3	2.0	17.0
			4	P	
			2		
			4	2.5	15.0
			5	P	
		-15	2		
			10	2.5	17.0
			8	P	
			4		
			9	2.5	
Stiff Black & Green Clay Loam Fill	600.54		4	P	24.0
		-20	3		
Stiff Black & Green Clay Loam Fill *(continued)*			3	1.5	26.0
			3	P	
			2		
			4	1.3	25.0
			5	P	
		-25	4		
			8		
	592.54		6		
Hard Brown Sandy Loam Till			12		
			22	4.5	8.0
			21	P	
Dense Gray Fine Sand to Medium Gravel with pieces of Gray Sandy Loam Till & Silt Layers	589.54	-30	5		
			15		15.0
			22		
Hard Brown Sandy Clay Loam Till, 6" Medium/Coarse Sand @ 42' - 42.5' and 12" Medium to Coarse Sand @ 45' - 46'	587.04		8		
			18	4.5	10.0
			24	S	
		-35	12		
			26	>4.5	11.0
			35	P	
			12		
			23	8.3	11.0
			35	S	
		-40	12		

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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Description	Elev.	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Hard Brown Sandy Clay Loam Till, 6" Medium/Coarse Sand @ 42' - 42.5' and 12" Medium to Coarse Sand @ 45' - 46' *(continued)*			22	8.0	10.0
			26	S	
			12		
			18	5.7	10.0
			24	S	
		-45	15		
			36	9.0	11.0
			68	S	
	571.04		12		
Hard Brown & Green Silt with pieces of Siltstone (Weathered & Reworked Siltstone)			26		
			28	5.0	13.0
				S	
		-50	25		
			28	>4.5	14.0
	567.54		32	P	
Hard Gray Silty Clay, Weathered & Reworked Shale			8		
		▽	12	>4.5	15.0
			14	P	
	564.54				
Hard Gray Shale Blocky (Silty Clay)		-55	16		
			33	>4.5	10.0
			27	P	
			25		
			28	>4.5	10.0
			29	P	
		-60	25		
Hard Gray Shale Blocky (Silty Clay) *(continued)*	558.04		36	5.0	11.0
Hard Black/Dark Gray Shale	557.54		49	S	14.0
End of Boring					
		-65			
		-70			
		-75			
		-80			

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)

benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 3938.11

FILE NAME = 0500225_66A20_027_borlogl.dgn	USER NAME = akeaschall	DESIGNED - JLS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS (1 OF 2) STRUCTURE NO. 050-0255	F.A.P. RTE. 68	SECTION (3)BR-3	COUNTY LASALLE	TOTAL SHEETS 61 / SHEET NO. 40
		CHECKED - AJK	REVISED -					CONTRACT NO. 66A20	
	PLOT SCALE =	DRAWN - RMG	REVISED -		SHEET NO. S27 OF S35 SHEETS		ILLINOIS	FED. AID PROJECT	
	PLOT DATE = 10\20\2011	CHECKED - HMA	REVISED -						

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