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

SOIL BORING LOG

Page 1 of 2

Date 8/14/03

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. 02 (S. Abut.)
Station 239+58.5
Offset 8.50ft Lt.
Ground Surface Elev. 619.84 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter ft
Upon Completion 579.8 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Bituminous Pavement, Concrete, Brown CA6	617.84				
Stiff Black & Brown Sandy Clay Loam with Fill Sand Layers	616.34		1		
			3	1.5	16.0
			4	P	
Loose Brown Fine Sand (Fill Sand)		-5	2		
			3		19.0
			4		
Very Stiff Black & Gray Sandy Clay Loam Fill	612.34		2		
			3		
			4	2.5	20.0
				B	
		-10	2		
			6	3.0	21.0
			7	P	
Stiff Black & Brown Sandy Clay Loam & Sandy Loam Fill	608.34				
			2		
			5	1.8	17.0
			5	B	
Hard Brown Sandy Clay Loam Fill	605.34	-15	7		
			7	6.0	13.0
			9	S	
Stiff Brown Silty Clay Loam Fill	603.34				
			1		
			3	1.5	22.0
			5	P	
		-20	2		
Stiff Brown Silty Clay Loam Fill (continued)	598.34		3	1.5	23.0
			5	P	
Stiff Black & Gray Clay Loam			2		
			2	1.5	26.0
			4	P	
		-25	2		
			2	1.3	23.0
			3	B	
Hard Gray Silt with Minor Clay (Not Bedded)	592.84		1		
			7	>4.5	18.0
			10	P	
Hard Brown Sandy Loam Till with Limestone Cobbles @ 36.5'	590.34	-30	8		
			25	>4.5	7.0
			50	P	
*Maxed Rimac					
		-35	17		
			26	11.8	6.0
			28	S*	
		▽-40	27		

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
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 2 of 2

Date 8/14/03

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. 02 (S. Abut.)
Station 239+58.5
Offset 8.50ft Lt.
Ground Surface Elev. 619.84 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter ft
Upon Completion 579.8 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Brown Sandy Loam Till with Limestone Cobbles @ 36.5'			31	12.4	8.0
			43	S*	
*Maxed Rimac (continued)					
		-45	13		
			26	11.8	9.0
			32	S*	
Very Stiff Brown & Gray Silt with pieces of Siltstone (Weathered & Reworked Siltstone)	570.84	-50	30		
			43	3.8	13.0
			27	S	
Hard Gray Weathered & Reworked Shale	566.84	-55	10		
			16	>4.5	12.0
			28	P	
Hard Gray Shale, Blocky	564.34	-60	12		
Hard Gray Shale, Blocky (continued)	558.84		18	>4.5	15.0
			26	P	
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)

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

SOIL BORING LOG

Page 1 of 1

Date 8/15/03

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. 03 (S. Pier)
Station 240+59
Offset 26.00ft Lt.
Ground Surface Elev. 597.09 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Black Silty Clay, Silty Loam, Fine Sand					
		-5	wh		
			wh		
			wh		
Very Stiff Gray Sandy Loam Till	590.09		5		
			15	2.5	8.0
			16	S	
		-10	6		
			18	3.0	10.0
			19	S	
Hard Brown Sandy Clay Loam Till	585.09		9		
*Max Rimac			25	11.8	8.0
			28	S*	
		-15	7		
			22	12.4	9.0
			23	S*	
			13		
			24	12.4	9.0
			25	S*	
		-20			
Hard Brown Sandy Clay Loam Till (continued)			15		
			25	12.4	8.0
*Max Rimac (continued)			27	S*	
			17		
			22	12.4	9.0
			25	S*	
		-25			
	571.59		100/4"	>4.5	10.0
				P	
Auger Refusal @ 25.5' End of Boring					
		-30			
		-35			
		-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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FILE NAME = 0500225_66A20_028_borlog2.dgn	USER NAME = akeaschall	DESIGNED - JLS	REVISED -
		CHECKED - AJK	REVISED -
	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 10\20\2011	CHECKED - HMA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS (2 OF 2)
STRUCTURE NO. 050-0255

SHEET NO. S28 OF S35 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
68	(3)BR-3	LASALLE	61	41
		CONTRACT NO. 66A20		
		ILLINOIS FED. AID PROJECT		

10\20\2011 14:48:28 x:\3900s\3938\structures\il23overbuckcreek\final\plans\0500225_66A20_028_borlog2.dgn