

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	113BR-2	LIVINGSTON	47	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHEET NO. B23
OF 31 SHEETS



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

SOIL BORING LOG

Page 1 of 2

Date 8/26/03

ROUTE FAP 68(IL116) DESCRIPTION ILLINOIS 116 OVER FELKY SLOUGH WEST OF SAUNAMIN LOGGED BY IDOT-LM
SECTION (113) BR-2 LOCATION NW 1/4, SEC. 19, TWP. 28N, RNG. 7E, 3rd PM
COUNTY LIVINGSTON DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO. 053-0075 EXISTING Station 436+75.00	DEPTH H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. 663.41 ft		DEPTH H S	B L O W S	U C S Qu	M O I S T
					Stream Bed Elev.					
BORING NO. 01 WEST ABUT Station 436+07 Offset 11.00R RT Ground Surface Elev. 676.46 ft	(ft)	(/ft)	(tsf)	(%)	Groundwater Elev.:		(ft)	(/ft)	(tsf)	(%)
CORED BITUMINOUS PAVEMENT Over Brown SANDY CLAY LOAM (FILL)	674.46				Medium Gray Loamy Fine SAND to Coarse GRAVEL with Pieces of SANDY LOAM (continued)		8	-	11.0	
							8	-		
Medium Brown SANDY CLAY LOAM (FILL)		2					5			
		2	1.0	12.0			6	-	12.0	
		3	B				8	-		
					651.96					
		1			Medium Gray & Black Fine to Coarse SAND		-25	2		
		1	1.0	20.0			4	-	14.0	
		2	P				4	-		
					649.96					
		1			Medium Gray & Black Fine SAND to Coarse GRAVEL Loamy @ 37		3			
		1	0.8	26.0			5	-	15.0	
		2	P				7	-		
Medium Black SILTY LOAM with High ORGANICS	667.46									
					WOH		-30	3		
		1	1.0	34.0			7	-	14.0	
		6	S				10	-		
					663.96					
		5			Medium Gray Loamy Fine SAND to Coarse GRAVEL with Pieces of SANDY LOAM		4			
		7	-	12.0			5	-	14.0	
		8	-				6	-		
		3					-35	4		
		10	-	13.0			13	-	16.0	
		11	-				11	-		
		7					7			
		9	-	9.0			8	-	14.0	
		9	-				8	-		
					636.46		-40	7		

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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STRUCT. NO. 053-0075 EXISTING Station 436+75.00	DEPTH H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. 663.41 ft		DEPTH H S	B L O W S	U C S Qu	M O I S T
					Stream Bed Elev.					
BORING NO. 01 WEST ABUT Station 436+07 Offset 11.00R RT Ground Surface Elev. 676.46 ft	(ft)	(/ft)	(tsf)	(%)	Groundwater Elev.:		(ft)	(/ft)	(tsf)	(%)
Very Stiff Gray CLAY							8	2.1	23.0	
					634.96		9	B		
Medium Gray Loamy Fine SAND to Coarse GRAVEL							6			
							9	-	15.0	
					631.96					
Very Stiff Gray CLAY							-45	3		
							5	2.9	22.0	
							9	B		
					629.96					
Very Stiff Gray CLAY & SILT							3			
							5	2.1	22.0	
							6	S		
					627.46					
Hard Gray CLAY LOAM TILL							5			
							8	5.3	13.0	
							9	S		
							8			
							17	4.7	10.0	
							15	S		
							-55	7		
							9	4.0	14.0	
					620.46		13	S		
End of Boring										

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
F.A.P. 681 (IL116) OVER FELKY SLOUGH
SECTION 113BR-2
LIVINGSTON COUNTY
STATION 436+75.00
STRUCTURE NO. 053-0075
DESIGNED BY: JML DRAWN BY: DJM
DATE: 12/09/05 CHECKED BY: MSW