

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



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

SOIL BORING LOG

Page 1 of 2

Date 10/18/06

ROUTE SBI-116 (IL 116) DESCRIPTION IL 116 over unnamed creek LOGGED BY Larry Myers  
SECTION 116-B LOCATION NW 1/4, SEC. 29, TWP. 28N, RNG. 10E, 3<sup>rd</sup> PM  
COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	Ground Surface Elev. ft	D E P T H ft	B L O W S (ft)	U C S (tsf)	M O I S T (%)	Description	Elev. (ft)	D E P T H ft	B L O W S (ft)	U C S (tsf)	M O I S T (%)
038-0173 284+00	#2: SE Quad: E Abut 284+36	659.14					Augered, black, Silty Clay Loam fill	637.14	5	2.5	27.7	
		656.14					Very stiff, gray, Silty Clay Loam Till	637.14	7			
		654.64					Very stiff, black brown, Silty Clay Loam fill with wood debris		5			
		654.64					Stiff, brown gray, Silty Clay Loam with pockets of Silt and fine, Sand		5	2.0	35.5	
									7			
									4			
									3	1.8	20.1	
									5			
									3			
									3	1.4	25.3	
									5			
		649.14					Stiff, gray brown, Silty Clay with heavy pockets and seams of brown, Silt		3			
									4	1.6	24.1	
									4			
		646.64					Hard, gray, Silty Clay		3			
									5	4.4	20.2	
									7			
									3			
									3	4.7	21.1	
									7			
		641.64					Very stiff, gray, Clay with very minor Silt and minor varved Clay @ 20'-21'		3			
									4	2.7	24.6	
									6			
									4			
									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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BBS, from 137 (Rev. 8-99)

DESIGNED SDH
CHECKED JML
DRAWN JWK/DJM
CHECKED MSW

DATE 08/04/10

SOIL BORING LOGS  
STRUCTURE NO. 038-2549

Farnsworth GROUP, INC. 2709 McGraw Drive Bloomington, Illinois 61704 309/663-8435, 309/663-1571 fax	SHEET NO. F10	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10 SHEETS	681	*	FORD/IROQUOIS	146	113
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 66880

\* 116 BR/[116 BR. (RR-?)RR. I & RR-31

24-8271