

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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SOIL BORING LOG

Date 3/6/09

ROUTE SBI-116 (IL 116) DESCRIPTION IL 116 over Drain Ditch 3.3 MI E of IL 115 LOGGED BY LM

SECTION 116-BR-2 LOCATION North 1/2, SEC. 25, TWP. 28 N, RNG. 9 E, 3rd PM

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 027-0046 (Exist.)
Station 174+58.04

BORING NO. 1 (West Abut.)
Station 173+82.04
Offset 14.00R Rt
Ground Surface Elev. 660.08 ft

DEPTH THS	B L O W S	U C S Qu	M O I S T	Description	Elev. (ft)	DEPTH THS	B L O W S	U C S Qu	M O I S T	Description	Elev. (ft)	DEPTH THS	B L O W S	U C S Qu	M O I S T
				Augered white shoulder stone, Black Silty Clay Topsoil Fill											
				Very Stiff Black Silty Clay Loam topsoil Fill	657.58										
				Stiff Gray & Brown Clay Loam with Fine Sand/Silt seams	653.08										
				Very Stiff Brown Layers of Fine Sand, Silt, & Clay	648.08										
				Stiff to Very Stiff Gray Silty Clay Loam Till	645.58										
				Hard Gray Silty Clay Loam Till with pockets of Silty Loam Till	623.58										

Surface Water Elev. 640.77 ft
Stream Bed Elev. 639.15 ft
Groundwater Elev.:
First Encounter _____ ft
Upon Completion 648.1 ft
After _____ Hrs.

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

Date 3/6/09

ROUTE SBI-116 (IL 116) DESCRIPTION IL 116 over Drain Ditch 3.3 MI E of IL 115 LOGGED BY LM

SECTION 116-BR-2 LOCATION North 1/2, SEC. 25, TWP. 28 N, RNG. 9 E, 3rd PM

COUNTY Ford DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 027-0046 (Exist.)
Station 174+58.04

BORING NO. 1 (West Abut.)
Station 173+82.04
Offset 14.00R Rt
Ground Surface Elev. 660.08 ft

DEPTH THS	B L O W S	U C S Qu	M O I S T	Description	Elev. (ft)	DEPTH THS	B L O W S	U C S Qu	M O I S T	Description	Elev. (ft)	DEPTH THS	B L O W S	U C S Qu	M O I S T
				Hard Gray Silty Clay Loam Till with pockets of Silty Loam Till (continued)	618.08										
				Hard Gray Clay Till											
				Hard Gray Silty Clay Loam Till											
				Hard to Very Stiff Gray Silty Clay Loam/Silty Loam Till with numerous Sand seams & pockets (continued)	598.08										
				Hard Gray Silty Clay Loam Till											
				Hard to Very Stiff Gray Silty Clay Loam/Silty Loam Till with numerous Sand seams & pockets	613.58										
				End of Boring	593.58										

Surface Water Elev. 640.77 ft
Stream Bed Elev. 639.15 ft
Groundwater Elev.:
First Encounter _____ ft
Upon Completion 648.1 ft
After _____ Hrs.

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)

DESIGNED	SDH
CHECKED	JML
DRAWN	JWK/DJM
CHECKED	MSW

DATE 08/04/10

SOIL BORING LOGS
STRUCTURE NO. 027-0098

 Farnsworth GROUP, INC. 2709 McGraw Drive Bloomington, Illinois 61704 309/663-8435, 309/663-1571 fax	SHEET NO. E17	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18 SHEETS	681	*	FORD/IROQUOIS	146	102
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 66880

* 116 BR/[116 BR, (BR-2)BR, I & BR-3]

24-8271