

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114BR	LIVINGSTON	43	30

SHEET NO. B13
OF 14 SHEETS



SOIL BORING LOG

Date 3/21/05

ROUTE SBI 315 (Ill. 116) DESCRIPTION Bridge over 5 mile Creek west of Ill 47 LOGGED BY LM

SECTION 114BR LOCATION SE 1/4, SEC. 16, TWP. 28, RNG. 7E, 3rd PM

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	DEPT	BLWS	UCS	MOS	Surface Water Elev. Stream Bed Elev.	DEPTH	BLWS	UCS	MOS
053-0076 585+14.5					685.91 ft				
BORING NO. 1 West Abutment Station 584+71.5 Offset 22.00R.LT. Ground Surface Elev. 677.48					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft				
					Cored Bituminous Pavement, Concrete & Auger with CA6 & White Rock				
					Hard to Stiff Gray Silty Clay Loam Till w/layers Fine Sand/ Fine Gravel Starting @ 20" (continued)				
					Stiff Black Silty Clay Fill				
					Stiff Black Clay Loam Till Fill				
					Medium Gray/Brown Silty Clay Loam Till				
					Hard to Stiff Gray Silty Clay Loam Till w/layers Fine Sand/ Fine Gravel Starting @ 20"				

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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Date 3/21/05

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STRUCT. NO. Station	DEPT	BLWS	UCS	MOS	Surface Water Elev. Stream Bed Elev.	DEPTH	BLWS	UCS	MOS
053-0076 585+14.5					685.91 ft				
BORING NO. 1 West Abutment Station 584+71.5 Offset 22.00R.LT. Ground Surface Elev. 677.48					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft				
					Stiff Gray Sandy Loam w/ layers Gray Fine Sand/medium Gravel (About 50%) (continued)				
					Very Stiff To Stiff Gray Silty Clay Loam w/ layers Sandy Loam (continued)				
					Very Stiff To Stiff Gray Silty Clay Loam w/ layers Sandy Loam				
					Hard Gray Silty Clay Loam Till w/ Silt Layers up to 6"				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Date 3/21/05

ROUTE SBI 315 (Ill. 116) DESCRIPTION Bridge over 5 mile Creek west of Ill 47 LOGGED BY LM

SECTION 114BR LOCATION SE 1/4, SEC. 16, TWP. 28, RNG. 7E, 3rd PM

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	DEPT	BLWS	UCS	MOS	Surface Water Elev. Stream Bed Elev.	DEPTH	BLWS	UCS	MOS
053-0076 585+14.5					685.91 ft				
BORING NO. 1 West Abutment Station 584+71.5 Offset 22.00R.LT. Ground Surface Elev. 677.48					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft				
					Hard Gray Silty Clay Loam Till (continued)				
					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		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SOIL BORING LOGS
		F.A.P. 681 (IL116) OVER FIVE MILE CREEK
		SECTION 114BR
		LIVINGSTON COUNTY
		STATION 585+14.50
		STRUCTURE NO. 053-0181
		DESIGNED BY: JML
		DRAWN BY: DJM
		DATE: 02/05/07
		CHECKED BY: MSW