ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAP 681	115 BR	LIVINGSTON	32	20
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 4
4 SHEETS

Contract # 66690

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

SOIL BORING LOG

Page 1 of 2

Date 11/3/05

ROUTE IL 116 DESCRIPTION IL Rt 116 over Drainage Ditch LOGGED BY Larry Myers

SECTION 115BR LOCATION SW 1/4, SEC. 24, TWP. 28N, RNG. 8E, 3rd PM

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME automatic

STRUCT. NO. 053-0105
Station 126+00

BORING NO. #2; N.B.L.; S Abut
Station 125+70
Offset 20.00ft E of CL
Ground Surface Elev. 668.80 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 652.8 ft ▽
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered black silty clay / silty clay loam with gravel fill				
668.80				
Black silty clay / silty clay loam with gravel pieces (fill)		4		
665.80		3		20 3
Very stiff brown silty clay loam till		3		
	-5	3		
		4	3 8	17 2
		5	P	
		6		
		7	3 5	16 9
		10	B	
659.80				
Very stiff gray silty clay loam till	-10	4		
		5	3 5	14 9
		7	B	
657.30				
Hard gray silty clay loam till		4		
		8	4 9	14 3
		12	S	
	-15	5		
		8	4 0	14 6
▽ 652.30		11	S	
Very stiff gray silty clay loam till		4		
		6	3 0	16 0
		8	B	
649.80				
Stiff brownish gray silty clay loam till. Very stiff at 24.5'-26'.	-20	2		

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff brownish gray silty clay loam till. Very stiff at 24.5'-26'. *(continued)*		4	1 9	15 6
		5	B	
		2		
		3	1 5	16 7
		4	B	
	-25	1		
		5	2 4	15 4
		6	B	
		wh		
		4	1 1	16 5
		5	B	
639.80				
Medium brownish gray silty clay loam till	-30	2		
		2	0 9	16 8
		4	B	
		2		
		3	0 9	16 0
		5	B	
	-35	1		
		3	0 9	16 1
		4	B	
630.80				
Very stiff brownish gray silty clay loam till with layers of clay and silty clay at 45'	-40	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)

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

SOIL BORING LOG

Page 2 of 2

Date 11/3/05

ROUTE IL 116 DESCRIPTION IL Rt 116 over Drainage Ditch LOGGED BY Larry Myers

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Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 652.8 ft ▽
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very stiff brownish gray silty clay loam till with layers of clay and silty clay at 45'. *(continued)*		6	3 0	18 2
		8	S	
	-45	3		
		6	2 7	21 5
		9	B	
620.30				
Medium gray fine sand to coarse gravel	-50	3		
		9	8 0	16 0
		12		
	-55	13		
		9	7 0	16 1
		9		
	-60	9		

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium gray fine sand to coarse gravel *(continued)*		13	10 0	13 1
		13		
605.80				
Dense gray fine sand to coarse gravel				
	-65	9		
		18	23 0	9 6
		21		
End of Boring				
	-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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STRUCTURE BORINGS

FAP ROUTE 681
SECTION 115 BR
LIVINGSTON COUNTY

PLOT DATE = 08/28/2007
FILE NAME = H:\PC6854\Files Copied from M Drive\Microstation\Microstation (Working Structural Files)\boring sheets.dgn
PLOT SCALE = 1.000000 / IN.
USER NAME = #USER#