Illinois Department of Transportation
Division of Highways

SOIL BORING LOG

Page 1 of 2

Date 11/28/79

ROUTE SBI-115 DESCRIPTION State Route 115 over Horse Creek LOGGED BY G. Legan

SECTION 102 BR LONGITUDE _____ LATITUDE _____

COUNTY Kankakee DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 046-0109
Station 603+08

BORING NO. 1 (E. Abut.)
Station 602+40
Offset 11' Rt.
Ground Surface Elev. 101.8 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

Description	Elev. (ft)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
DARK BROWN SILTY CLAY LOAM	99.8				
VERY STIFF-DARK BROWN TO BLACK-SILTY CLAY LOAM (FILL-SOME ORGANIC MAT.)	96.3	-5	11	2.2 S	21
MEDIUM-YELLOW-FINE SAND (WATER AND SOME COARSE SAND PARTICLES AT 8.5')	90.3	-10	10		7
			12		18
HARD-OLIVE GRAY-SILTY CLAY TILL	88.8		7		17
			22	5.2 S	17
HARD-GRAY-SILTY CLAY TILL		-15	32	6.2 B	15
			35	5.8 B	16
		-20	34	8.2 B	15
HARD-GRAY-SILTY CLAY TILL (continued)	71.3	-25	27	5.8 B	15
			26	5.4 B	18
		-30	23		
DENSE-BROWNISH GRAY-COARSE SAND (WITH FINE GRAVEL AT 32.5)	68.8		35		16
SOFT-GRAY-SILT	67.8		9		23
VERY STIFF-GRAY-SILTY LOAM TILL	64.8	-35	27	2.0 S	15
			9	2.5 P	14
			27	5.4 S	14
HARD-OLIVE GRAY-SILTY CLAY TILL		-40	34	5.8 B	15

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, form 137 (Rev. 11-11)

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After _____ Hrs. _____ ft

Description	Elev. (ft)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
HARD-OLIVE GRAY-SILTY CLAY TILL (continued)	56.8	-45	29	4.7 B	14
			28	5.8 B	13
		-50			
		-55			
		-60			

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, form 137 (Rev. 11-11)

DESIGNED - ___	EXAMINED _____ ACTING ENGINEER OF BRIDGE DESIGN	DATE - OCTOBER 1, 2013	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
CHECKED - ___			
DRAWN - ___	PASSED _____ ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED ___	
CHECKED - ___		REVISED ___	

SOIL BORING LOGS
STRUCTURE NO. 046-0109
SHEET NO. 21 OF 22 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1323	102-BR	KANKAKEE	53	37
		CONTRACT NO. 66B66		
		ILLINOIS FED. AID PROJECT		