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**Illinois Department of Transportation**  
Division of Highways

### SOIL BORING LOG

Date 11/29/79

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 D E P T H S  
Station 603+08 H S Qu T

BORING NO. 2 (W. Abut.) M O I S T  
Station 603+85 H S Qu T  
Offset 10' Lt.  
Ground Surface Elev. 101.8 ft (ft) (6") (tsf) (%)

Description	Elev. (ft)	D (ft)	B (6")	U (tsf)	M (%)	Soil Description	Elev. (ft)	D (ft)	B (6")	U (tsf)	M (%)
STIFF-DARK BROWN-SILTY CLAY LOAM	99.8							32	9.7	B	14
STIFF-BROWNISH BLACK SILTY CLAY LOAM (FILL-SOME ORGANIC MAT.)	95.3	7		1.3	27	HARD-GRAY-SILTY CLAY TILL		33	7.4	B	16
				1.0	35			26	6.4	S	17
MEDIUM-BROWNISH BLACK SILTY CLAY LOAM	92.8	6		1.0	35	DENSE-GRAY-COARSE SAND AND FINE GRAVEL	73.8	14	4.7	B	23
						SOFT-GRAY-SILTY LOAM	72.8				
STIFF-MOTTLED OLIVE GRAY AND REDDISH BROWN SILTY CLAY LOAM	90.3	8		1.6	23	SOFT-GRAY-SILTY LOAM	71.8	6	1.0	P	23
							70.3	28	0.9	S	16
HARD-OLIVE GRAY-SILTY CLAY LOAM TILL	87.8	12		4.9	19	STIFF-GRAY-SILTY LOAM	67.8	20	1.3	P	25
HARD-GRAY-SILTY CLAY TILL (1/2" PIECES LIMESTONE AT 15.5')		29		9.5	13	VERY STIFF-GRAY-SILTY LOAM TILL	-35	22	2.3	B	13
							65.3				
				7.8	14	HARD-DARK GRAY-SILTY CLAY TILL		44	7.8	B	16

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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HARD-DARK GRAY-SILTY CLAY TILL (continued)	55.8	34		5.6	18						
				6.4	17						
				6.2	18						

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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 _____	DATE - <u>OCTOBER 1, 2013</u>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS STRUCTURE NO. 046-0109</b>	F.A.S. RTE. <u>1323</u>	SECTION <u>102-BR</u>	COUNTY <u>KANKAKEE</u>	TOTAL SHEETS <u>53</u>	SHEET NO. <u>38</u>
CHECKED - _____	PASSED _____	REVISED _____		SHEET NO. 22 OF 22 SHEETS			CONTRACT NO. <u>66B66</u>		
DRAWN - _____	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED _____							
CHECKED - _____									

ILLINOIS FED. AID PROJECT