


BORING LOGS



Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

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Date 12/6/02

ROUTE FAP 316 DESCRIPTION P92-003-03 IL 26 box culvert, 6.4 m. N. of Forreston LOGGED BY C. Jenkins

SECTION 2T LOCATION Forreston Twp. - SE, SEC. 1, TWP. 25N, RNG. 7E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic


STRUCT. NO. 071-1225
Station 1283+39

BORING NO. B-1a
Station 917+46
Offset 13.00ft Rt CL
Ground Surface Elev. 99.6 ft

DEPTH	DEPT	BULGE	UCS	MOIST	DESCRIPTION	DEPTH	DEPT	BULGE	UCS	MOIST	DESCRIPTION
(ft)	(ft)	(%)	(tsf)	(%)		(ft)	(ft)	(%)	(tsf)	(%)	
99.6					MEDIUM brown SILTY LOAM	78.10	2	5	1.2	18	STIFF tan SILTY LOAM
		0.8		18							
97.10					STIFF black SILTY LOAM	75.60	2	4	2.4	23	VERY STIFF tan SILT
	5										
95.60		1.4		23							
	4										
	6										
93.10					STIFF black SILTY LOAM	73.10	6	11	2.6	21	VERY STIFF tan SILTY CLAY TILL with a SAND & GRAVEL lens
	3										
	4	1.3		27							
	6										
90.60					Same as above	70.10	5	8	1.5	17	STIFF tan SILTY LOAM with LIMESTONE fragments
	4										
	5	1.9		27							
	7										
88.10					STIFF brown SILTY CLAY	68.10	12	23			VERY DENSE tan weathered LIMESTONE
	3										
	5	1.1		26							
	8										
85.60					STIFF brown SILTY CLAY with CHERT	66.40	100/8				VERY DENSE tan weathered LIMESTONE
	6										
	3	1.2		17							
	5										
83.10					SOFT tan SILTY LOAM TILL						End of Boring
	2										
	3	0.4		23							
	3										
80.60					MEDIUM tan SILTY LOAM TILL						
	1										
	2	0.7		18							
	3										

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

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Date 12/10/02

ROUTE FAP 316 DESCRIPTION P92-003-03 IL 26 box culvert, 6.4 m. N. of Forreston LOGGED BY W. Garza

SECTION 2T LOCATION Forreston Twp. - SE, SEC. 1, TWP. 25N, RNG. 7E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 071-1225
Station 1283+39

BORING NO. B-2a
Station 918+00
Offset 38.60ft Lt CL
Ground Surface Elev. 93.0 ft

DEPTH	DEPT	BULGE	UCS	MOIST	DESCRIPTION	DEPTH	DEPT	BULGE	UCS	MOIST	DESCRIPTION
(ft)	(ft)	(%)	(tsf)	(%)		(ft)	(ft)	(%)	(tsf)	(%)	
93.0					MEDIUM brown SILTY LOAM	72.50					3' frost
		1.0		22							
91.50					STIFF gray SILTY LOAM TILL	70.00	6	5	1.0	14	MEDIUM tan SILTY LOAM with weathered LIMESTONE
	4										
	5	2.0		27							
	6										
90.00					STIFF dark gray SILTY CLAY TILL	67.50	3	8	2.0	12	STIFF tan SILT LOAM with weathered LIMESTONE
	4										
	5	1.25		24							
	5										
87.50					MEDIUM dark gray SILTY CLAY TILL	65.00	19	17			DENSE tan weathered LIMESTONE
	3										
	3	1.0		26							
	6										
85.00					VERY SOFT tan SILTY LOAM TILL, hard drilling	62.50	13	23	4.8	17	VERY DENSE light gray CLAY
	2										
	3	0.25		21							
	5										
82.50					SOFT tan SILTY LOAM TILL						End of Boring
	2										
	2	0.5		19							
	4										
80.00					MEDIUM tan SILTY CLAY						
	1										
	2	0.9		23							
	3										
77.50					STIFF tan SILT						
	3										
	4	1.2		24							
	8										
74.50					LOOSE tan weathered LIMESTONE						
	4										
	4										

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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