ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 41	15BR	LIVINGSTON	38	25
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT -		

SHEET NO. 14
15 SHEETS

Contract #66665

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 10/19/71

ROUTE FA18 (IL 71) DESCRIPTION IL17 over a branch of the E. Fork of the Mazon River LOGGED BY W Pearce

SECTION 15-BR LOCATION SE 1/4, SEC. 6, TWP. 30N, RNG. 8E, 3rd PM

COUNTY LaSalle DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 053-0146
Station 185+04.5

BORING NO. 1
Station 185+57
Offset 42.00ft Rt
Ground Surface Elev. 619.50 ft

Surface Water Elev. 610.53 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 613.5 ft ▽
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	N	UCS Qu (tsf)	MOIST (%)
Very stiff, light brown, Clay Till					
			15	3.1 S	21.0
		-5			
▽	613.00		13	2.9 B	20.0
Hard, brownish gray, Clay Till					
			29	6.2 B	19.0
		-10			
			21	4.9 B	19.0
	608.00				
Very stiff, gray, Clay Till					
			13	3.3 B	21.0
		-15			
			12	2.1 S	24.0
			18	3.3 B	25.0
	600.50				
Medium, gray, fine, Sand		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium, gray, fine, Sand (continued)			13	- -	-
	597.50				
Hard, gray, Silty Clay Till			27	6.4 B	19.0
	595.50				
Very stiff, gray, Clay Till		-25			
			18	3.3 B	16.0
			22	2.1 B	16.0
		-30			
			19	2.9 B	15.0
	587.50				
Hard, gray, Clay Till					
End of Log					
(Incomplete Data- Missing second page of log. Assume final depth is the same as boring no. 2)			22	4.3 B	15.0
		-35			
			26	5.2 B	15.0
			55	4.1 B	15.0
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".
Modified GCB 09-06

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 10/19/71

ROUTE FA18 (IL 71) DESCRIPTION IL17 over a branch of the E. Fork of the Mazon River LOGGED BY W Pearce

SECTION 15-BR LOCATION SE 1/4, SEC. 6, TWP. 30N, RNG. 8E, 3rd PM

COUNTY LaSalle DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 053-0146
Station 185+04.5

BORING NO. 1
Station 185+57
Offset 42.00ft Rt
Ground Surface Elev. 619.50 ft

Surface Water Elev. 610.53 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 613.5 ft ▽
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	N	UCS Qu (tsf)	MOIST (%)
Hard, gray, Clay Till					
End of Log			28	5.0 B	17.0
(Incomplete Data- Missing second page of log. Assume final depth is the same as boring no. 2) (continued)			26	4.5 B	15.0
	574.50	-45			
		-50			
End of Boring					
		-55			
		-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".
Modified GCB 09-06

rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, Il 60187

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
IL 17 OVER UNNAMED DRAINAGE DITCH
FAP RTE 41 - SECTION 15BR
LIVINGSTON COUNTY
STATION 185+05
STRUCTURE NO. 053-0182

DATE: 10/20/2006
DRAWN BY JMT
CHECKED BY BLB

10/19/2006 K:\12856821\Structures\Final Plans\Final Plans.dgn