ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 41	15BR	LIVINGSTON	38	26
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 15
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 14, SEC. 6, TWP. 30N, RNG. 8E, 3rd PM

COUNTY LaSalle DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 053-0146
Station 185+04.5

BORING NO. 2
Station 184+53
Offset 36.00ft Lt
Ground Surface Elev. 617.93 ft

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

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

Description	Elev.	DEPTH (ft)	N	UCS Qu (tsf)	MOIST (%)
Hard, light brown, Clay Till					
	613.43		11	4.5 B	19.0
Stiff, brownish gray, Clay Till		-5			
	611.93				
Hard, brownish gray to gray, Clay Till			8	1.6 B	25.0
			33	8.2 B	17.0
		-10			
			38	6.8 B	18.0
			28	5.6 S	16.0
		-15			
			21	4.1 B	24.0
	600.93				
Medium, gray, fine, Sand					
	598.43		20	– –	–
Very stiff, gray, Clay Till		-20			
Very stiff, gray, Clay Till (continued)					
			20	3.7 S	23.0
	595.93				
Stiff, gray, Silty Clay Till					
			14	1.7 B	26.0
		-25			
			11	1.7 S	27.0
	590.43				
Very stiff, gray, Clay Till					
			18	2.1 B	15.0
		-30			
			18	3.3 B	15.0
			14	2.1 B	16.0
		-35			
			15	2.7 B	15.0
	580.43				
Hard, gray, Clay Till					
			68	4.2 S	17.0
		-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 14, SEC. 6, TWP. 30N, RNG. 8E, 3rd PM

COUNTY LaSalle DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 053-0146
Station 185+04.5

BORING NO. 2
Station 184+53
Offset 36.00ft Lt
Ground Surface Elev. 617.93 ft

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

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

Description	Elev.	DEPTH (ft)	N	UCS Qu (tsf)	MOIST (%)
Hard, gray, Clay Till (continued)					
			55	6.7 S	12.0
	573.93				
			38	7.0 S	11.0
Hard, gray, Clay Till					
		-45			
			30	5.8 B	13.0
			31	5.8 B	13.0
		-50			
	566.93		31	4.2 S	13.0
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:\1266681\Structures\Final Plans\Final Plans.dgn