



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Page 1 of 1

Date 6/6/12

ROUTE IL 170 (FAP 786) DESCRIPTION IL 170 over a Stream, 8.33 miles South of US 6 LOGGED BY Larry Myers

SECTION (110)BR-1,2,3 LOCATION SE 1/4, SEC. 35, TWP. 32N, RNG. 5E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	B	L	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
050-0072 (Exist.)	445+54 (Exist.)	LO	CS	OS	OS	651.75 ft	650.89 ft	DEPTH	BLOW	UCS	MOIST
BORING NO.	Station	T	W	Qu	T	Groundwater Elev.:	First Encounter	H	S	Qu	S
1 (N.W. Quad.)	445+16	H	S			ft	ft	(ft)	(/6")	(tsf)	(%)
Offset	Ground Surface Elev.					After	Hrs.				
31.00ft Rt.	656.99 ft	(ft)	(/6")	(tsf)	(%)	ft	ft	(ft)	(/6")	(tsf)	(%)
Augered Black Silty Clay Loam Topsoil Fill						Very Stiff Gray Silty Clay Loam Till Very Monolithic & Uniform (continued)					
	654.49										
Stiff Black Silty Clay Loam Topsoil Fill		4									
	652.99	2	1.3	26.7							
		3	P								
Stiff Brown Silty Clay Loam Till											
		-5									
		3									
		3	1.5	15.8							
		3	P								
Very Stiff Brown Silty Clay Loam/Silty Loam Till											
	649.99	5									
		3	2.3	16.5							
		4	B								
Very Stiff Gray Silty Clay Loam Till Very Monolithic & Uniform											
	647.49	-10									
		4									
		5	3.7	19.5							
		5	B								
		3									
		4	3.2	19.8							
		4	B								
		-15									
		3									
		3	3.2	20.9							
		4	B								
		3									
		4	3.2	20.9							
		5	B								
		2									
		2	2.7	21.3							
		4	B								
		-20									

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. 8-99)



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STRUCT. NO.	Station	B	L	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
050-0072 (Exist.)	445+54 (Exist.)	LO	CS	OS	OS	651.75 ft	650.89 ft	DEPTH	BLOW	UCS	MOIST
BORING NO.	Station	T	W	Qu	T	Groundwater Elev.:	First Encounter	H	S	Qu	S
2 (S.W. Quad.)	445+74	H	S			ft	ft	(ft)	(/6")	(tsf)	(%)
Offset	Ground Surface Elev.					After	Hrs.				
29.00ft Rt.	656.95 ft	(ft)	(/6")	(tsf)	(%)	ft	ft	(ft)	(/6")	(tsf)	(%)
Augered Black Silty Clay Loam Topsoil Fill with Rip Rap @ Surface						Very Stiff Gray Silty Clay Loam Till (continued)					
	654.45										
Stiff Black Silty Clay Loam Topsoil Fill		1									
		2	1.5	27.7							
		3	P								
Very Stiff Brown & Gray Silty Clay Loam Till											
	652.45	-5									
		1									
		3	3.1	24.0							
		4	B								
		3									
		4	4.0	19.0							
		5	B								
Very Stiff Gray Silty Clay Loam Till											
	646.95	-10									
		2									
		2	3.1	20.3							
		4	B								
		2									
		3	2.7	22.3							
		4	B								
		-15									
		3									
		3	2.9	20.0							
		4	B								
		3									
		3	3.1	21.1							
		5	B								
		-20									

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. 8-99)

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USER NAME =	DESIGNED - OY	REVISED
CHECKED - DB	REVISED	
PLOT SCALE =	DRAWN - CM	REVISED
PLOT DATE =	CHECKED - JB	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 050-2057

SHEET NO. 6 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(110)BR-1	LASALLE	69	46
CONTRACT NO. 66B19				
ILLINOIS FED. AID PROJECT				