Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Page 1 of 1

Date 6/5/12

ROUTE IL 170 (FAP 786) DESCRIPTION IL 170 over a Stream, 6.98 miles South of US 6 LOGGED BY Larry Myers

SECTION (110)BR-1,2,3 LOCATION NE 1/4, SEC. 26, TWP. 32N, RNG. 5E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 050-0158 (Exist.)
Station 368+42 (Exist.)

BORING NO. 1 (N.W. Quad.)
Station 369+18
Offset 13.00ft Rt.
Ground Surface Elev. 671.47 ft

Surface Water Elev. 660.75 ft
Stream Bed Elev. 660.58 ft

Groundwater Elev.:
First Encounter 654.5 ft ▼
Upon Completion 641.5 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
668.92			
Loose Brown Sand & Gravel Fill with Large Gravel Pieces & Silty Clay Loam Till Fill Layers	4		
	3		10.0
	3		
666.47			
Stiff Black Silty Clay Loam Topsoil	2		
	1	1.5	30.0
	3	P	
664.47			
Medium Brown Silty Clay Loam Till	2		
	1	0.8	26.4
	2	P	
661.97			
Hard Brown Silty Clay Loam Till	1		
	3	4.0	13.3
	5	S	
659.47			
Hard Gray Silty Clay Loam Till with Sand/Gravel Pockets at 16'	3		
	6	4.3	15.1
	9	S	
	6		
	9	4.5	10.8
	11	P	
	5		
	7	4.1	22.0
651.97	9	B	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff Gray Clay Till with Layers of Clay & Minor Silt *(continued)*	3		
	4	3.2	29.4
	5	S	
	3		
	3	3.0	27.4
646.97	3	P	
Hard/Very Stiff Brownish Gray Silty Clay Loam Til	5		
	7	4.1	16.1
	9	B	
	4		
	5	3.7	20.4
	8	B	
	5		
	7	3.0	19.0
	9	S	
	6		
	8	4.1	18.9
634.07	8	S	
End of Boring			

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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Page 1 of 1

Date 6/5/12

ROUTE IL 170 (FAP 786) DESCRIPTION IL 170 over a Stream, 6.98 miles South of US 6 LOGGED BY Larry Myers

SECTION (110)BR-1,2,3 LOCATION NW 1/4, SEC. 25, TWP. 32N, RNG. 5E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 050-0158 (Exist.)
Station 369+64 (Exist.)

BORING NO. 2 (S.E. Quad.)
Station 369+64
Offset 14.00ft Lt.
Ground Surface Elev. 671.61 ft

Surface Water Elev. 660.75 ft
Stream Bed Elev. 660.68 ft

Groundwater Elev.:
First Encounter 653.6 ft ▼
Upon Completion 641.6 ft ▽
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Shoulder Stone, Black Silty Clay Loam Fill and Brown Sand & Gravel Fill			
649.11			
Stiff Black Silty Clay Loam Topsoil - Top 2' possible Fill	2		
	2	1.5	25.0
	2	P	
	2		
	2	1.5	27.8
	2	P	
641.61			
Very Stiff Brown & Gray Silty Clay Loam Till	1		
	2	3.0	21.2
	3	B	
	3		
	4	3.4	20.0
	8	B	
639.61			
Hard Gray Silty Clay Loam Till with Layers of Gray Silt at 16' - 17'	4		
	8	4.7	15.4
	10	S	
	5		
	9	5.2	17.1
	16	S	
	9		
	7	4.0	17.9
	9	S	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	3		
	4	4.1	17.7
Hard Gray Silty Clay Loam Till with Layers of Gray Silt at 16' - 17' *(continued)*	6	S	
	3		
	5	4.3	13.3
	6	S	
647.11			
Hard Brownish Gray Silty Clay Loam Till	4		
	6	4.4	15.1
	8	S	
	6		
	6	4.7	10.2
	9	S	
642.11			
Very Stiff Gray Clay Till	3		
	5	3.4	20.7
	6	B	
	4		
	5	3.6	21.2
635.11	5	B	
End of Boring			

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)

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2 Added Sheet 1-8-14

V3 Companies of Illinois Ltd.
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = | DESIGNED - CJB | REVISED —
PLOT SCALE = | DRAWN - CCF | REVISED —
PLOT DATE = | CHECKED - CJB | REVISED —
CHECKED - CCF | REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 050-2056
SHEET NO. 7 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	(110) BR-3	LASALLE	69	40
		CONTRACT NO. 66B19		
	ILLINOIS FED. AID PROJECT			