



SOIL BORING LOG

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Date 12/15/70

ROUTE IL 116 DESCRIPTION IL 116 over Langan Creek LOGGED BY W Pearce

SECTION 116-BR-3 LOCATION SW 1/4, SEC. 21, TWP. 28N, RNG. 10E

COUNTY Iroquois DRILLING METHOD HAMMER TYPE

STRUCT. NO. 038-0120
Station 317+82

BORING NO. 1
Station 317+81
Offset 40.00ft RI
Ground Surface Elev. 96.46 ft

DEPTH (ft)	BLOWS	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOWS	UCS (tsf)	MOISTURE (%)
0				Surface Water Elev. _____ ft				
0				Stream Bed Elev. _____ ft				
0				Groundwater Elev.: First Encounter _____ ft				
				Upon Completion _____ ft				
				After _____ Hrs. _____ ft				
0				Stiff, yellow brown, Clay Till	0	7	B	
	4			(636.46) 75.46	7			
	8	1.8	23.0	Very stiff to hard, gray, Clay Till	9	3.1	14.0	
	7	B			10	B		
	3				5			
	6	1.8	26.0		6	5.4	15.0	
	6	B			9	B		
				(651.46) 80.46				
	5			Stiff, yellow brown, Silty Clay	6			
	7	1.2	27.0		8	1.8	16.0	
	8	S			12	B		
	6				5			
	6	1.5	24.0	Very stiff, gray, Clay Till	6	2.1	16.0	
	6	B			17	B		
				(646.46) 85.46				
	7			Hard, dark brown, Silty Clay	9			
	11	6.8	20.0		10	3.7	14.0	
	12	B			18	B		
				(643.96) 82.96				
	5			Stiff very stiff, gray, Clay Till	5			
	6	1.9	26.0	Hard, gray, Clay Till with Limestone fragments @ 35'	6	4.8	11.0	
	7	B			51	S		
	4				20			
	5	2.3	27.0		22	6.4	12.0	
	6	B			78	S		
				(618.96) 97.96				
	3			Hard, pale yellow, Clay with Limestone fragments	28			
	5	1.5	30.0		52	3.9	13.0	

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. 3-99)



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DEPTH (ft)	BLOWS	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				Surface Water Elev. _____ ft
0				Stream Bed Elev. _____ ft
0				Groundwater Elev.: First Encounter _____ ft
				Upon Completion _____ ft
				After _____ Hrs. _____ ft
53				Hard, pale yellow, Clay with Limestone fragments (continued)
58				
161	4.2	14.0		
100/11	S			
				(613.46) 82.46
				Limestone fragments
				(611.96) 80.96
				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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NOTES:

- 1.) Ground Surface Elevation 96.46 = +657.46 (correlation between 1970 Borings and current plans).
- 2.) Existing Ground Surface Elevation = +651.50.

FILE NAME = c:\projects\ep03504\consult\17-19_007021\00_b07-b09_borings.dgn	USER NAME = carpentordj	DESIGNED - JML	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 1.0000' / IN.	CHECKED - MSW	REVISED -	681			116 BR-1	IROQUOIS	28	17		
DATE = 04/09/08	REVISED -	SCALE:	SHEET NO. B7 OF 14 SHEETS			STA. TO STA.		CONTRACT NO. 66730			
PLOT DATE = Aug 07, 2008 - 09:07:02 AM	REVISED -	FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT									