Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Page 1 of 1

Date 3/28/73

ROUTE FA 68 (IL 23) DESCRIPTION IL 23 over Baker Run LOGGED BY W. Beck

SECTION 104BR LOCATION SW 1/4, SEC. 15, TWP. 29N, RNG. 5E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-2012
Station 390+62

BORING NO. 1 (N.E. Wing)
Station 389+85
Offset 11.00ft Lt.
Ground Surface Elev. 667.51 ft

Surface Water Elev. 656.90 ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter ____ ft
Upon Completion Dry ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
				Stiff, Sand & Gravel (Fill)
665.51				
	5			Stiff, Brownish/Black, Silty Clay
	5	1.5	28.0	
	6	P		
662.51 -5				
	3			Soft, Black, Clay (Root Fragments)
	3	0.5	35.0	
	5	B		
660.51				
	4			Stiff, Gray/Brown, Clay
	5	1.3	22.0	
	7	P		
658.01				
-10	5			Very Stiff, Mottled, Gray/Brown, Clay
	6	3.0	26.0	
	9	P		
	6			
	8	2.3	24.0	
	11	P		
-15	4			
	6	2.5	25.0	
	7	P		
650.51				
	4			Stiff, Gray, Lake Clay
	6	1.8	25.0	
	7	P		
-20				

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
	4			Stiff, Gray, Lake Clay (continued)
	5	–	–	
	7			
	4			
	6	1.3	25.0	
	8	P		
-25				
	5			
	7	1.2	26.0	
641.01	9	P		
				End of Boring
-30				
-35				
-40				

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)

LOCATION 1: SN: 053-2012

Illinois Department of Transportation
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SOIL BORING LOG

Page 1 of 1

Date 3/27/73

ROUTE FA-68 (IL 23) DESCRIPTION IL 23 over Branch of Baker Run LOGGED BY W. Beck

SECTION 104BR-1 LOCATION SW 1/4, SEC. 15, TWP. 29N, RNG. 5E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-2013
Station 394+00

BORING NO. 1
Station 393+96
Offset 12.00ft Rt.
Ground Surface Elev. 668.00 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter ____ ft
Upon Completion Dry ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
				Sand & Gravel (Fill)
666.00				
	2			Medium, Black, Silty Clay
	3	0.8	17.0	
	4	B		
663.50				
-5	4			Stiff, Gray/Brown, Clay
	5	1.7	16.0	
	7	B		
	3			
	4	1.7	20.0	
	4	B		
659.00				
-10	4			Very Stiff, Mottled, Brownish/Gray, Lake Clay
	6	3.7	18.0	
	7	B		
	5			
	6	–	–	
	7			
-15	5			
	6	3.5	18.0	
	8	B		
651.50				
	3			Very Stiff, Gray, Lake Clay
	7	2.1	18.0	
	8	B		
648.00 -20	5			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
	6	–	–	Stiff, Gray, Lake Clay
	9			
	5			
	6	1.2	18.0	
	9	B		
-25	4			
	7	1.9	19.0	
642.00	11	B		
				End of Boring
-30				
-35				
-40				

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)

LOCATION 2: SN: 053-2013

FILE NAME = c:\pw_work\pwidot\patelyj\d0266589\D366842-sheets.dgn	USER NAME = patelyj	DESIGNED - YOGESH PATEL	REVISED -
		DRAWN - YOGESH PATEL	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RON WOODSHANK	REVISED -
	PLOT DATE = 12/27/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: ____ SHEET NO. 1 OF 3 SHEETS STA. ____ TO STA. ____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	VARIOUS	VARIOUS	40	38
		CONTRACT NO. 66B42		
		ILLINOIS FED. AID PROJECT		