STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 1

Date 12/16/77

ROUTE FAP 317 (US 24) DESCRIPTION US 24 over South Fork of Vermilion River, 0.3 miles West of IL 47 at Forrest LOGGED BY W. Beck

SECTION (25)BR-2 LOCATION SE 1/4, SEC. 4, TWP. 26N, RNG. 7E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-0152 (Exist.)
Station 473+87 (Exist.)

BORING NO. 3 (Pier#1
Station 473+49
Offset 31.60ft Lt.
Ground Surface Elev. 673.4 ft

Surface Water Elev. 669.6 ft
Stream Bed Elev. 667.9 ft

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

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black, Silty Clay	670.90				
Stiff, Yellowish Brown, Silty Clay	668.90		2		
			3	1.2	25
			4	B	
Very Loose, Brown, Loam to Silty Clay Loam Till	667.90	-5			
			2		15
Very Stiff, Gray, Silty Clay Loam Till	663.90		3		
			4	2.1	17
				B	
			5		
			7	3.7	14
			10	B	
Hard, Gray, Silty Clay Loam Till	658.90	-10			
			7		
			8	6.0	14
			10	B	
			7		
			9	4.7	16
			12	B	
Very Stiff, Gray, Silty Clay Loam Till	653.90	-15			
			5		
			9	3.1	17
			11	B	
			4		
			5	2.5	18
			77	B	
		-20			
Medium, Gray, Clean, Fine to Medium Gravel *(continued)*	652.40		13		
					12
Hard Brownish Gray, Silty Clay Loam Till			30	5.7	11
				S	
			17		
			16	7.4	10
			25	B	
		-25			
			19		
	647.40		15	9.5	9
Hard, Dark Brown, Clay Loam Till			19	S	14
				5.4	
				B	
			17		
			19	5.4	13
			42	S	
	643.40	-30			
Very Dense, Brown, Clean, Fine Sand			9		
			91/11"	.5	18
				P	
		-35			
	636.90				
End of Boring					
		-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, from 137 (Rev. 8-99)

DESIGNED	SDH
CHECKED	JML
DRAWN	DJM
CHECKED	MSW
DATE	08/13/10

SOIL BORING LOGS
STRUCTURE NO. 053-0188

Farnsworth GROUP, INC.
2709 McGraw Drive
Bloomington, Illinois 61704
309/663-8435, 309/663-1571 fax

SHEET NO. B26
26 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(25)BR-2	LIVINGSTON	58	49
		CONTRACT NO. 66823		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

24-8319