STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 9/13/76

ROUTE FAU 8956 DESCRIPTION IL 3 over Piasa Creek LOGGED BY

SECTION 59BR-1 LOCATION SW 1/4, NW 1/4, SEC. 19, TWP. 6N, RNG. 10W, 3 PM

COUNTY Madison DRILLING METHOD HAMMER TYPE

STRUCT. NO. 060-0153 (E) / 060-0343 (P)
Station 638+00

BORING NO. 4 W. Abut
Station 637+00
Offset 20.00ft RT
Ground Surface Elev. 430.8 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 415.3 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	4	0.5 S	17
-5			
	4	0.6 S	17
	3	0.5 S	18
-10			
	3	0.6 S	18
418.8			
	2	0.3 B	28
-15			
	3	0.4 B	30
	4	1.0 B	27
411.3 -20			

Brown and Gray Sandy Silty CLAY

Brown Fine to Medium SAND

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	1	NC	
-25			
	6	NC	
	10	NC	
403.8			
	9	0.8 S	24
401.3 -30			
	7	0.7 B	24
398.8			
	19	NC	
-35			
	12	2.3 B	27
	10	1.6 B	26
391.3 -40			

Brown Fine to Medium SAND *(continued)* with some Gravel

Gray Silty CLAY with some Gravel

Brown and Gray Sandy Silty CLAY

Brown and Gray Medium SAND

Red Brown and Gray CLAY

Red Brown Sandy Silty CLAY

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)

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Station 637+00
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Ground Surface Elev. 430.8 ft

Surface Water Elev. ft
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Groundwater Elev.:
First Encounter 415.3 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	8	0.6 S	27
389.8			
	11	NC	
386.3 -45			
	12	1.6 B	26
383.8			
	10	NC	
-50			
	8	NC	
379.8			
	40	NC	
-55			
	49	NC	
	45	NC	
-60			

Red Brown Sandy Silty CLAY *(continued)*

Brown and Gray Medium SAND

Red Brown and Gray CLAY

Brown and Gray Medium to Coarse SAND with some Gravel

Brown and Gray Coarse Clayey SAND with Gravel

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	23	NC	
	36	NC	
365.3 -65			
	54	NC	
363.3	50		
-70			
-75			
-80			

Brown and Gray Coarse Clayey SAND with Gravel *(continued)*

Brown and Gray Broken LIMESTONE

REFUSAL - 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, from 137 (Rev. 8-99)

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BORING LOGS
ILLINOIS ROUTE 3 OVER
PIASA CREEK
F.A.U. ROUTE 8956 SEC 59BR-1
MADISON COUNTY
STATION 638+11.00
STRUCTURE NO. 060-0343

SHEET NO. 28	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
28 SHEETS	8956	59BR-1	MADISON	75	57
	STRUCTURE NO. 060-0343		CONTRACT NO. 76B18		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		