STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 304	5BR-2	CALHOUN	60	52
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 28
28 SHEETS

Contract #76948

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 11/20/08

ROUTE FAP 304 DESCRIPTION IL 100 over Crawford Creek LOGGED BY E. Stewart

SECTION 5BR-2 LOCATION SW 1/4, SEC. 11, TWP. 8S, RNG. 2W, 4 PM

COUNTY Calhoun DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 007-0004 (E) / 007-0027 (P)
Station 467+55

BORING NO. SB 2 N. Abut
Station 468+43.5
Offset 14.50ft Left
Ground Surface Elev. 436.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 419.0 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Light Brown Sandy CLAY	4		
	4	0.91	19
	5	S/20	
	5		
	4	0.58	20
	5	S/16	
-5	6		
	7	1.55	19
	6	S/20	
	6		
	7	0.62	21
	8	S/15	
425.5 -10	4		
	4	0.69	24
Dark Brown Silty Clay LOAM	3	B/20	
	7		
	6	0.69	25
	5	B/20	
421.5 -15	3		
	3	0.49	31
Dark Brown LOAM	2	B/20	
A-4(5)			
See Classification @ 16 ft			
419.0	2		
	2	0.30	32
Light Gray Silty Clay LOAM	3	B/20	
-20	3		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Light Gray Silty Clay LOAM (continued)	3	0.45	33
	3	B/20	
	3		
	2	0.30	32
	3	B/20	
-25	3		
	2	0.88	29
410.5	1	B/20	
Light Gray Silty CLAY with Gravel	3		
	2	0.48	26
	3	B/20	
-30			
404.5	4		
Fine SAND	4		21
See Gradation @ 32.5 ft	3	NC	
Begin Tri-Cone/Rotary Mud			
401.5 -35			
Gray Silty CLAY			
	16		
	30	1.15	8
	25	S/15	
-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)

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Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Silty CLAY (continued)			
394.5	8		
SAND	13		22
392.5	10	NC	
Light Gray Silty CLAY			
-45	5		
	8	0.79	16
	13	S/15	
-50			
	5		
	6	1.88	26
	6	B/20	
-60			
	5		
	7	1.07	38
-65	15	B/20	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Light Gray Silty CLAY (continued)			
	6		
	18	0.59	23
-38	30	S/20	
Shale 371.0			
Refusal on Bedrock - End of Boring			
-70			
-75			
-80			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

DESIGNED	YSS
CHECKED	RLM
DRAWN	AEC
CHECKED	RLM

02/27/08

MODJESKI and MASTERS
Consulting Engineers
SINCE 1893

BORING LOGS
IL. ROUTE 100 OVER
CRAWFORD CREEK
F.A.P. ROUTE 304 - SECTION 5BR-2
CALHOUN COUNTY
STATION 467+59.00
STRUCTURE NO. 007-0027