

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 32 33 SHEETS
FAU 7968	*	SANGAMON	261	202	
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

Contract #72449 *SECTION 3R(BR, BR-1, BR-2)19RS-8

Illinois Department of Transportation
Division of Highways
District # Materials

SOIL BORING LOG

Page 1 of 2
Date 8/20/03

ROUTE FAS 632 DESCRIPTION Camp Butler Road over Old US 38 LOGGED BY M. Tappan

SECTION 3R(BR, BR-2)19RS-8 LOCATION SW 14, SEC. 16, TWP. 16 N, RNG. 4 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0518 Pr
Station 17+00

BORING NO. 3 Pier 2
Station 17+98
Offset 27.00ft Rt
Ground Surface Elev. 544.4 ft

D E P T H ft	B L O W S	U C S T H S	M O D E S	Surface Water Elev. NA ft	Stream Bed Elev. NA ft	Groundwater Elev.: First Encounter 500.4 ft Upon Completion 492.4 ft After 24 Hrs. 519.4 ft	D E P T H ft	B L O W S	U C S T H S	M O D E S
						Brown Moist CLAY LOAM (Fill) (continued)				
						w/Cinders	2			
							3	1.4	26	
							5	B		
						Brown and Olive Grey Moist SILTY CLAY (Fill)	1			
							3	2.0	22	
							5	B		
						Brown and Grey	3			
							2	0.8	21	
							3	B		
						Grey Moist SILTY CLAY LOAM 517.60	0			
							2	0.7	24	
							3	B		
						Brown and Light Blue Grey Moist SILTY CLAY (Fill) 533.90	0			
							2	1.0	23	
							3	S-10		
							1			
							2	1.0	24	
							4	B		
						Olive Grey to Black	0			
							1	0.7	29	
							3	B		
						Grey and Olive Brown Moist SILTY CLAY LOAM (Fill) 528.90	0			
							3			
							5	3.5	17	
							8	B		
						Grey V. Moist LOAM 506.90	0			
							1			
							6	2.4	15	
							2	0.4	28	
							7	S-10		

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 T208)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District # Materials

SOIL BORING LOG

Page 2 of 2
Date 8/20/03

ROUTE FAS 632 DESCRIPTION Camp Butler Road over Old US 38 LOGGED BY M. Tappan

SECTION 3R(BR, BR-2)19RS-8 LOCATION SW 14, SEC. 16, TWP. 16 N, RNG. 4 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0518 Pr
Station 17+00

BORING NO. 3 Pier 2
Station 17+98
Offset 27.00ft Rt
Ground Surface Elev. 544.4 ft

D E P T H ft	B L O W S	U C S T H S	M O D E S	Surface Water Elev. NA ft	Stream Bed Elev. NA ft	Groundwater Elev.: First Encounter 500.4 ft Upon Completion 492.4 ft After 24 Hrs. 519.4 ft	D E P T H ft	B L O W S	U C S T H S	M O D E S
						Grey V. Moist LOAM (continued)				
						Greish Tan Moist V. Weathered Micaeous Silty SHALE (continued)				
							17			
						Free Water	0			
							1	0.7	34	
							2	B		
						Light Blue Grey Moist Micaeous Clayey SHALE	60			13
							40			
							1			
							0			
							0	0.2	22	
							0	B		
						Boring Completed 474.90	36			13
							100			
							1			
						Brown and Grey Moist CLAY LOAM w/Inclusions of SHALE 491.40	6	2.5	17	
							12	S-10		
							3			
							12			
							3			
						Greyish Tan Moist V. Weathered Micaeous Silty SHALE 486.90	0			
							2			
							5			
							10			

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 T208)
BBS, from 137 (Rev. 8-99)

BORING LOGS
F.A.U. ROUTE 7968
SECTION 3R(BR, BR-1, BR-2)19RS-8
SANGAMON COUNTY
STATION 17+97.34
STRUCTURE NO. 084-0518