



Illinois Department of Transportation

Division of Highways
SCI Engineering, Inc.

SOIL BORING LOG

Page 1 of 2

Date 11/03/09

ROUTE IL 251 DESCRIPTION Structure over East Panther Creek LOGGED BY KEG - IK

SECTION (64-B-1)BR LOCATION 1.9 miles N of El Paso, SEC. 31SE,32SW, TWP. 27N, RNG. 2E

COUNTY Woodford DRILLING METHOD CME 55LC/HSA HAMMER TYPE Automatic

DEPTH (ft)	DIAMETER (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	DIAMETER (ft)	UCS (tsf)	MOISTURE (%)
				Surface Water Elev. _____ ft				
				Stream Bed Elev. _____ ft				
				Groundwater Elev.: _____ ft				
				First Encounter 684.7 ft				
				Upon Completion 687.2 ft				
				After _____ Hrs. _____ ft				
0				CLAY: Dark brown, trace sand (A-7) (continued)				
12				Becomes brown and gray, some sand, trace fine gravel	2	0.8		17
15					3			
18				SILT: Grayish brown (A-4)	7	2.7		16
21					13	S/15		
24				SANDY CLAY: Grayish brown, trace fine gravel (A-6)	18			
27				Hard drilling at 25.5 to 26 feet. No recovery.	26			
30					29			
33					8			
36					15	4.4		11
39					19	S		
42				Trace concrete				
45								
48								
51				SILT: Grayish brown, some sand (A-4)				
54					20			
57					00/10	3.9		9
60						S		
63				CLAY: Dark brown, trace sand (A-7)				
66								
69								
72				SANDY CLAY: Grayish brown, trace fine gravel (A-6)				
75				Becomes brown and dark brown	35			
78					50	4.5		7
81					50/3"	P		
84					50/3"			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



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				First Encounter 684.7 ft				
				Upon Completion 687.2 ft				
				After _____ Hrs. _____ ft				
0				TOPSOIL & CRUSHED ROCK - 12 inches				
3				FILE: Dark brown, clay, trace to some sand (A-7)				
6								
9								
12								
15								
18								
21								
24								
27								
30								
33								
36								
39								
42								
45								
48								
51								
54								
57								
60								
63								
66								
69								
72								
75								
78								
81								
84								
87								
90								

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BORING LOGS
STRUCTURE NO. 102-0069



Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL
62703 Phone: (217)544-8033 IL Design Firm
No. 184-001907

SHEET NO. 19
19 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	(64-B-1)BR	WOODFORD	45	34
CONTRACT NO. 68785				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				