



Illinois Department  
of Transportation  
Division of Highways  
SCI Engineering

### SOIL BORING LOG

Page 2 of 2

Date 01/14/10

ROUTE FAI 270 / IL Rte 3 DESCRIPTION Overhead Sign Foundation LOGGED BY SCI/BCR

SECTION 60-2RS-3 LOCATION Granite City, S1/2, SEC. 29, TWP. 4N, RNG. 9W

COUNTY Madison DRILLING METHOD CME 75 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.
Station	(ft)	(/6")	(tsf)	(%)	ft	ft
BORING NO. B-SP9					Groundwater Elev.:	
Station 31272+40					First Encounter 403.3 ft ▼	
Offset 0.0 ft R					Upon Completion - ft	
Ground Surface Elev. 417.8 ft					After - Hrs. - ft	
SAND: Gray, fine to medium, trace coarse sand (A-3) (continued)						
	375.8					
SAND: Gray, fine to coarse (A-1)						
	6					
	11					
	14					
Boring terminated at 45.0 ft.						
	372.8					
	-45					
	-50					
	-55					
	-60					

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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Date 01/13/10

ROUTE FAI 270 / IL Rte 3 DESCRIPTION Overhead Sign Foundation LOGGED BY SCI/BCR

SECTION 60-2RS-3 LOCATION Granite City, S1/2, SEC. 29, TWP. 4N, RNG. 9W

COUNTY Madison DRILLING METHOD CME 75 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.
Station	(ft)	(/6")	(tsf)	(%)	ft	ft
BORING NO. B-SP10					Groundwater Elev.:	
Station 31261+49					First Encounter 406.6 ft ▼	
Offset 8.0 ft L					Upon Completion - ft	
Ground Surface Elev. 443.6 ft					After - Hrs. - ft	
ASPHALT - 12 inches						
	442.6				FILL: Gray, clay (A-7) (continued)	
FILL: Gray, clay, some sand (A-7)						
	7				Some sand	
	4	2.1	24			
	5	B				
	6	S/15				
	440.6					
FILL: Gray, sandy silt, some clay (A-4)						
	2				FILL: Gray and brown, clay (A-7)	
	5	1.9	22			
	6	S/15				
	-5					
	438.1					
FILL: Gray, sandy silt (A-4)						
	3				Trace to some sand	
	6	3.0	20			
	6	B				
	436.9					
FILL: Gray, clay (A-7)						
	6					
	435.6					
FILL: Gray, silty clay, some sand (A-6)						
	1				CLAY: Gray (A-7)	
	2	1.4	23			
	6	B				
	-10					
	432.4					
Some sandy silt						
	3					
	9	1.3	17			
	10	B				
	431.6					
FILL: Gray, sandy clay (A-6)						
	10				CLAYEY SILT: Gray and brown (A-4)	
	430.6					
FILL: Brown, sand fine (A-3)						
	2					
	3	2.1	22			
	6	B				
	429.1					
FILL: Gray, silty clay, some sand (A-6)						
	2					
	5	2.8	21			
	7	S/15				
	409.1					
FILL: Gray, clay (A-7)						
	-15					
	406.6					
Some silty clay, some sand, some sandy silt						
	2					
	5	2.8	21			
	7	S/15				
	406.6					
SANDY SILT: Gray and brown (A-4)						
	1					
	1	0.5	32			
	3	B				
	-35					
	406.6					
SILTY SAND: Brown, fine (A-2)						
	1					
	3					
	4					
	-40					

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LAST SAVED = 3/16/2010  
PEN TABLE = V8.tbl  
PLOT DRIVER = TR-Xerox6204-To-File.plt

FILE NAME =	USER NAME = sdonahue	DESIGNED -	REVISED -
\\0906600\0906601\cad\plans\085.087	6087-Sht-OSS-BLog.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0023' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/16/2010 11:42:02 PM	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SIGN STRUCTURE PLANS  
BORING LOGS

SCALE: NONE

SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.I. RTE. 270	SECTION 60-2RS-3	COUNTY MADISON	TOTAL SHEETS 231	SHEET NO. 138
CONTRACT NO. 76D87				
ILLINOIS FED. AID PROJECT				