



Illinois Department
of Transportation
Division of Highways
SCI Engineering

SOIL BORING LOG

Page 1 of 1

Date 01/18/10

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.	DEPTHS	BLOW COUNTS	UCS	MOISTURE	Surface Water Elev.	DEPTHS	BLOW COUNTS	UCS	MOISTURE
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. B-SP1					Stream Bed Elev.				
Station 1347+50					Groundwater Elev.:				
Offset 65.0 ft R					First Encounter 406.9 ft				
Ground Surface Elev. 419.9 ft					Upon Completion Not observed				
					After - Hrs.				
ASPHALT - 22 inches					SAND: Brown, fine (A-3) (continued)				
	418.1	9					6		
FILL: Gray, silty clay (A-6)		5	3.0	17			8		
	416.9	5	P				7		
CLAY: Brown (A-7)		3					4		
		7	4.2	24			8		
		9	B				9		
		-5					-25		
	413.2	2					2		
SILTY CLAY: Brown, some sand (A-6)		3	1.9	28			3		
	411.9	4	B				9		
SILT: Brown (A-4)		1			SAND: Gray, fine to medium (A-3)		2		
		2	<0.25	30			9		
		2	P				12		
		-10					-30		
	407.1	WH							
SAND: Brown, fine (A-3)		2	<0.25	31					
		2	P						
		3					3		
		3					3		
		3					8		
		-15					-35		
		1							
		5							
		6							
		2					4		
		5					12		
		8					20		
		-20					-40		

Boring terminated at 40.0 ft.

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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STRUCT. NO.	DEPTHS	BLOW COUNTS	UCS	MOISTURE	Surface Water Elev.	DEPTHS	BLOW COUNTS	UCS	MOISTURE
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. B-SP2					Stream Bed Elev.				
Station 1347+50					Groundwater Elev.:				
Offset 5.0 ft R					First Encounter 411.2 ft				
Ground Surface Elev. 421.7 ft					Upon Completion -				
					After - Hrs.				
FILL: Brown, silt (A-4)					SAND: Brown, fine (A-3) (continued)				
	420.4	3							
FILL: Brown, clay (A-7)		5	3.8	26			4		
Gray		6	B				6		
	418.7						11		
CLAY: Brown (A-7)		1					2		
		4	1.8	34			3		
		4	B				7		
		-5					-25		
	416.9	WH					2		
CLAYEY SILT: Brown (A-4)		1	0.5	32			4		
		3	P				9		
		-10					-30		
	411.2	WH					5		
SAND: Brown, fine (A-3)		1	<0.25	39			8		
		2	P				18		
		2							
		3					1		
		4					2		
		-15					3		
		3							
		5							
		8							
		4					4		
		9					7		
		-20					-35		
		10					15		

Boring terminated at 40.0 ft.

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)

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

FILE NAME =	USER NAME = sdonahue	DESIGNED -	REVISED -
U:\0906600\0906601\cad\plans\085.087\087-Sht-OSS-9Log.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.0023' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/16/2010 11:42:00 PM		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SIGN STRUCTURE PLANS
BORING LOGS

SCALE: NONE SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-2RS-3	MADISON	231	136
CONTRACT NO. 76D87			ILLINOIS FED. AID PROJECT	