Illinois Department of Transportation
Division of Highways
SCI Engineering

SOIL BORING LOG

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. _____
Station _____

BORING NO. B-SP10
Station 31261+49
Offset 8.0 ft L
Ground Surface Elev. 443.6 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 406.6 ft ▼
Upon Completion - ft
After - Hrs. - ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY SAND: Brown, fine (A-2) *(continued)*				
401.6				
SAND: Gray, fine (A-3)				
Approximately 1 inch of blow-in at sampling depth.		1 3 4		
	-45			
Slightly coarser Approximately 1 inch of blow-in at sampling depth.		4 4 7		
393.6	-50			
Boring terminated at 50.0 ft.				
	-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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Division of Highways
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SOIL BORING LOG

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. _____
Station _____

BORING NO. B-SP11
Station 31261+45
Offset 52.0 ft L
Ground Surface Elev. 442.1 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 405.1 ft ▼
Upon Completion - ft
After - Hrs. - ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
FILL: Brown, silty clay, some crushed rock (A-6)				
441.1		2		
FILL: Gray and brown, clay (A-7)		1 3	0.8 S/15	34
Gray		2 5 6	2.4 B	28
	-5			
435.6		2		
FILL: Brown, sandy silt, some clay (A-4)		3 5	0.9 S/10	19
434.1				
FILL: Gray, clay (A-7)		1 4 6	3.0 B	27
	-10			
430.1		2 4 5	3.1 S/15	28
FILL: Brown, silty clay, some sand, some silt (A-6)				
429.1				
FILL: Gray, clay, some sand (A-7)		4 6 9	3.5 B	18
	-15			
426.6				
FILL: Gray, clay (A-7)		2 4 6	1.5 B	20
Brown, trace to some sand		2 4 6	1.4 S/15	32
	-20			
FILL: Gray, clay (A-7) *(continued)*				
Brown and gray		2 4 7	1.0 S/10	26
No sand		1 4 6	2.3 S/15	35
	-25			
		3 5 6	2.5 B	28
414.1				
CLAY: Gray (A-7)		2 5 8	3.6 B	29
	-30			
411.1				
SILTY CLAY: Gray, some sand (A-6)				
408.1		WH		
SILT: Gray (A-4)		2 4	0.4 B	32
	-35			
Grayish brown, trace clay		2 3 3	1.0 P	30
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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LAST SAVED = 3/16/2010
PEN TABLE = VA.tbl
PLOT DRIVER = ATKarora6204-To-File.plt

FILE NAME = i:\0906600\0906601\cad\t_plans\085_D876D87-Sht-DSS-BLog.dgn	USER NAME = sdonahue	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0023 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/16/2010 11:42:03 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIFRIN, INC. ENGINEERS
SCALE: NONE

SIGN STRUCTURE PLANS
BORING LOGS
SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-2RS-3	MADISON	231	139
		CONTRACT NO. 76D87		
	ILLINOIS FED. AID PROJECT			