Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.

SOIL BORING LOG

Date 1/6/09

FAP 665 (IL 116) & FAP
ROUTE 534 (IL 94) DESCRIPTION Culvert Boring LOGGED BY SCI
(136, 137)W&RS-3; 136R;
SECTION 109BR-2 LOCATION Media Township; NE 1/4, SEC. 17, TWP. 9N, RNG. 4W,

COUNTY Henderson DRILLING METHOD Hand Auger HAMMER TYPE N/A

STRUCT. NO. _____
Station _____

BORING NO. 29
Station 97+35
Offset 80.00ft Lt
Ground Surface Elev. 645.0 ft

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

Groundwater Elev.:
First Encounter 644.0ft ▼
Upon Completion 643.5 ft ▽
After - Hrs. Backfilled ft

	(ft)	DEPTH	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY CLAY LOAM: Grayish brown (A-7)				0.5 P	44
Concrete and asphalt rubble in area of culvert to approximately 40 feet north of culvert end.	644.0				
CLAY LOAM: Brown and gray (A-7)				1.0 P	21
Qu (tsf) results were performed on auger cuttings. Grades to trace fine gravel at 4 feet.					
Becomes harder to hand auger at 4 feet.	-5			2.8 P	19
SANDY LOAM: Brown (A-4)	639.0				
CLAY LOAM: Grayish brown (A-7)	638.5			2.5 P	18
End of Boring at 8.0 ft.	637.0				
	-10				
	-15				
	-20				

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 T206)
AASHTO Classifications are based on visual classifications unless otherwise noted. BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.

SOIL BORING LOG

Date 12/10/08

FAP 665 (IL 116) & FAP
ROUTE 534 (IL 94) DESCRIPTION Culvert Boring LOGGED BY SCI
(136, 137)W&RS-3; 136R;
SECTION 109BR-2 LOCATION Media Township; NE 1/4, SEC. 17, TWP. 9N, RNG. 4W,

COUNTY Henderson DRILLING METHOD CME 45 w/HSA HAMMER TYPE Automatic

STRUCT. NO. _____
Station _____

BORING NO. 30
Station 97+63
Offset 16 ft Lt
Ground Surface Elev. 662.9 ft

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

Groundwater Elev.:
First Encounter 643.9 ft ▼
Upon Completion 641.9 ft ▽
After - Hrs. Backfilled ft

	(ft)	DEPTH	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
FILL: Dark brown and brown silty clay (A-6)			2		
			3 3	3.5 P	24
			2		
	-5		2 3	1.3 P	26
			2		
			2 3	1.0 P	30
CLAY: Brown and gray (A-7)	654.9				
			2		
	-10		3 3	1.8 B	25
Becomes grayish brown			2		
			2 2	0.6 B	30
Becomes gray			1		
			2 2	0.8 B	32
	-15		1		
SILTY CLAY: Gray (A-7)	646.4		1 2	0.6 B	30
▼	643.7		1		
	-20		1 2	<0.25 P	45

	(ft)	DEPTH	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM: Gray and brown, trace fine gravel (A-7) (continued)			1		
▽			3 4	2.6 B	17
Becomes brown			3		
			6 7	2.6 B	15
	637.9	-25			
End of Boring at 25.0 ft.					
		-30			
		-35			
		-40			

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 T206)
AASHTO Classifications are based on visual classifications unless otherwise noted. BBS, form 137 (Rev. 8-99)

FILE NAME = miscsheets.dgn	USER NAME = ghadnaam	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
665	(136,137)W&RS-3;136R;109BR-2	HENDERSON		156

CONTRACT NO. 88773
ILLINOIS | FED. AID PROJECT