(PD)	Illinois Departmen
	of Transportation

## SOIL BORING LOG

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Division of Highways SCI Engineering, Inc.					OIL BOILING LOG		Date	12/11/0
FAP 665 (IL 116) & FAP							54.0	12/ 11/ 0
ROUTE 534 (IL 94) DES	SCRIP	TION			Culvert Boring	LOGGE	BY	SCI
(136, 137)W&RS-3 136R;								
SECTION 109BR-2	LOCATION		)N _	Media Township; NW 1/4, SEC. 16, TWP. 9N, RNG.			. 4W,	
COUNTY <u>Henderson</u> DRILLING	METH	DO	***************************************		CME 45 w/HSA HAMMER TYPE	**********	Autom	atic
STRUCT. NO.	D	В	U	М	Surface Water Elevft		***************************************	
Station	E	L	С	0	Stream Bed Elevft			
	P	0	S	I	311 edili bed Liev.			
BORING NO36	T	W		S	Groundwater Elev.:			
Station 124+03	Н	S	Qu	T	First Encounter Not observed ft			
Offset 11 ft Lt		1	1		Upon Completion Not observed ft			
Ground Surface Elev. 660.1 ft				1	After HrsBackfilled_ft	-		
CLAY LOAM: Brown and gray,	[(++)	(/6")		(%)	ATTER - HIS. BUCKTHEED TT	-		
race fine gravel (A-7) (continued)		8	В	ļ	4			
		4	<u> </u>	ļ				
Becomes gray and grayish brown		6	2.4	17				
		7	В					
	***************************************	5			]			
		6	2.6	18				
		8	В					
		2	<del> </del>	<del> </del>	1			
	•	4	2.2	15				
		1 。	1	1 13	,			
	-45	1	В	<del> </del>				
		3	<u> </u>		·			
		4	1.9	17				
		6	В					
•		4						
		6	3.2	15				
	*******	10	В					
		5	<del> </del>	<del> </del>				
		11	-	12				
		1	5.9	12				
610.6	<u> </u>	18	В	ļ				
End of Boring at 49.5 ft.	-50	ı]						
		]						
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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 Page <u>1</u> of <u>1</u> SOIL BORING LOG of Transportation Division of Highways SCI Engineering, Inc. FAP 665 (IL 116) & FAP Date <u>12/18/08</u> ROUTE 534 (IL 94) \_\_ DESCRIPTION \_\_\_ Culvert Boring LOGGED BY SCI (136, 137)W&RS-3; 136R; SECTION 109BR-2 LOCATION Media Township; NW 1/4, SEC. 16, TWP. 9N, RNG. 4W, CME 750 w/HSA COUNTY Henderson DRILLING METHOD HAMMER TYPE STRUCT. NO. Surface Water Elev.\_\_ С С 0 Stream Bed Elev. S 0 0 S I W BORING NO. Groundwater Elev.: s Qu Qu Station 124+55 First Encounter Not observed ft▼ Offset \_\_\_\_ 85 ft Rt Upon Completion Not observed ft $\nabla$ Ground Surface Elev. 637.6 ft After - Hrs. <u>Backfilled</u> ft (ft) (/6") (tsf) (%) (ft) (/6") (tsf) (%) CLAY LOAM: Brown (A-7) CLAY LOAM: Grayish brown, SANDY LOAM: Brown, trace fine trace fine gravel (A-7) (continued) gravel (A-2) 4 3.1 18 5 7 B CLAY LOAM: Grayish brown, trace fine gravel (A-7) Becomes grayish brown Silt loam deposit 6 2.3 30 7 3.3 16 6 В 10 B End of Boring at 25 ft. 5 2.5 16 7 B Becomes grayish brown and gray 2.9 В Becomes gray and brown 3.8 16 В Becomes less sandy 3.7

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)

3.0

5 3.9 8

4

6

SCALE:

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

COIL DODING 1000					200	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SH	
SOIL BORING LOGS				665	(136,137)W&RS-3136R;109BR-2	HENDERSON		15			
	CUEET N				T				CONTRACT	NO. 8	387
	SHEET N	ю.	OF	SHEETS	STA.	TO STA.		TLLINOIS FED. AT	D PROJECT		