Illinois Department of Transportation	t			S	SOIL BORING	LOG	Page <u>1</u> of _
Division of Highways SCI Engineering, Inc. FAP 665 (IL 116) & FAP							Date <u>1/6/09</u>
ROUTE 534 (IL 94) DES	CRIP'	TION			Culvert Boring	L0	GGED BY SCI
(136, 137)W&RS-3 136R;					<u>.</u>		
SECTION 109BR-2	L	LOCATIO)N _	Media	Township; NW 1/4, SEC. 16	5, TWP. 9N, RNG. 4W	-
COUNTY <u>Henderson</u> DRILLING	METHO	OD			Hand Auger	HAMMER TYPE	N/A
STRUCT. NO.	D	В	U	М	Surface Water Flav		
Station	E	L	С	0	Surface Water Elev		
· · · · · · · · · · · · · · · · · · ·	P	0	S	I			
BORING NO. 35	T	W		S	Groundwater Elev.:		
Station <u>123+90</u>	H	S	Qu	Т	First Encounter	632.2 ft Y	
Offset 80 ft Lt					Upon Completion	627.7 ft <u>V</u>	
Ground Surface Elev. 633.18 ft	(f+)	(/6")	(tsf)	(%)	After Hrs.	<u>Backfilled</u> ft	
SANDY LOAM: Brown (A-2) 632.7	. <u></u>						
SANDY CLAM LOAM: Brown, 632,2 trace organics (A-4)	y	ļ					
CLAY LOAM: Gray, trace		<u> </u>	0.5	23			
organics (A-7)			P				
Becomes harder to hand auger at			4.5	13			
1.5 feet.		1	P				
Qu (tsf) results were performed on auger cuttings.							
Grades to trace fine and coarse							
gravel at 3 feet628.7		-	-				
Becomes brown and gray at 4			ļ				
feet.	<u>V</u> _		<u> </u>	13	↓ .		
SANDY LOAM: Gray and brown.		ļ	<u> </u>		4		
trace fine gravel and clay loam 626.7		ļ		15	1		
End of Boring 6.5 ft.							
		-					
		4					
		-					
		1					
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	-10	4					
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		-					
		1					
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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

BBS, form 137 (Rev. 8-99)

Illinois Departmen
of Transportation Division of Highways SCI Engineering Inc.

SOIL BORING LOG

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	Division of Highways SCI Engineering, Inc.							•	Date	12/	11/08
ROUTE _	FAP 665 (IL 116) & FAP 534 (IL 94)	DES	CRIPT	ION			Culvert Boring	LOGGED	RY	s	Cī
	(136, 137)W&RS-3 13	6R;							٠.		<u>~</u>
SECTION	109BR-2		L	OCATIO)N _	Media	Township: NW 1/4, SEC. 16, TWP. 9N, RNG,	4W.			
COUNTY	Henderson DRI	LLING N	NETHO	OD	***************************************		CME 45 w/HSA HAMMER TYPE		Auto	omatic	····
STOLICE NO	•		D	В	u	М		О	В	U	м
STRUCT. NO).		Ε	L	С	0	Surface Water Elevft	E	L	C	ő
31411011			Р	0	S	I	Stream Bed Elevft	P	0	s	I
BORING NO.	36		Т	W		s	Groundwater Elev.:	Т	w		s
			Н	S	Qu	Т	First Encounter Not observed ft	y H	s	Qu	т
Offset	124+03 11 ft Lt						Upon Completion Not observed ft				
Ground S	urface Elev. 660.1	 ++	(44)	1.1011	/±-£\		After - Hrs. Backfilled ft	- 1			
ASPHALT -	F 1			(76)	(TST)	(%)	 		(/6")	-	(%)
CONCRETE	- 7 Inches						CLAY LOAM: Brown and gray,	2.6	1 2	0.8 P	21
FILL: Bro	wn silty clay (A-6)	659.1					trace fine gravel (A-7)			P	
Poor reco	verv			1					1		
	wn silt Toam (A-4) and	_658.1		2		19	1		2	1.3	18
	y clay (A-6) mixture			3	-	19				В	
				3	 	 			3		
				3	0.7	23		-	6	4.4	13
				5	2.3	23			10	В	
FILL Bro	wn and gray silty clay	655.6			В	 			5		
(A-6)	an dua di ay siriy ciay			3				-25		4.2	15
				3	2.3	22	1	******	9	В	
E111 - B=5	wn and gray clay (A-7)	_654 <u>.1</u>		4	Р	ļ	Becomes grayish brown	***************************************	6		
LILLE DIO	which dray clay (A-1)			3				-	8	2.9	16
				4	2.3	22			11	В	
777 T 75.77	wn silty clay (A-6)	_6 <u>5</u> 2 <u>.6</u>	****	6	В	<u> </u>			3		
FILL: BFO	wn sirty cidy (A-6)			3					7	4.7	15
				4	3.6	19			9	В	
	wn silt Toam (A-4)	_6 <u>5</u> 1.1		6	S				3		
FILL: Bro	wn silt loam (A-4)			2					5	2.9	16
			-10		1.4	21		-30	8	В	1
	wn slity clay (A-6)	649.6		3	S				3		
FILL: Bro	wn siity clay (A-6)			1			62	9.1	7	4.6	17
				2	2.3	22	SANUT LUAM: GrayIsh Drown,		23	В	1
				4	Р		fine (A-2) 62	8.1	4		
				1			CLAY LOAM: Brown and gray, 62	_	6	3.6	14
				2	1.5	23	I Trace time graver (A-1)		11	В	
				3	S		Becomes grayish brown		4		
				1					8	4.2	16
				2	1.0	24			11	s	
			-15	4	Р		Becomes brown and gray	-35	3		
				1			Approximate 2 inch deposit of fine		6	3.6	15
				2	1.8	24	to medium sand (A-3)	-	9	В	l
		643.6		3	Р		Becomes grayish brown and gray	***************************************	4		
	Grayish brown			1					5	3.0	18
(A-6)				2	0.9	25		***************************************	9	В	
			-	2	В	1			4	-	
				WH		T			6	3.0	18
				2	0.5	24	Becomes gray	ever-ner	8	В	
				2	В		·		3		
			-20	1		†				3.7	17
	······································		-20		L		II	-40	<u> </u>	J.1	- '

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miscsheets.dgn	
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GOEN NAME - GUITINGOM	DESIGNED -	KEATOER -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 '/ IN.	CHECKED -	REVISED -
PLDT DATE = 1/29/2009	DATE -	REVISED -

SCALE: