## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

					OIL BORIN	Date	08/30/06	
ROUTE IL 158 DES	SCRIP	TION			Structure Boring		LOGGED BY	SCI
SECTION 67-1HBR	L	OCATI	ON _	Colum	oia, IL, <b>SEC.</b> 23, <b>TWP.</b> 1,	<b>RNG.</b> 10		
COUNTY Monroe DRILLING	METH	OD			ME 550 WHSA	HAMMER TYPE	Auto	matic
067-0006 (E), 067-0042	DEPTH (ft)	B L O W S	C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.			
CLAY: Reddish brown, high plastic, trace sand (A-7)		4 3	3.3	22				
Becomes yellowish brown and		5	S/15					
reddish brown  Borehole continued with rock coring.	-55	50/5"	1.2 ( <u>\$/</u> 15)	35				

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)

Illinois Dep of Transpo	partment ortation	ROCK CORE	LO	G			age <u>1</u>	of <u>1</u>
SCI Engineering, inc	DECORPTION:	Observatores Desires			. ~	_		3/30/06
ROUTE   IL 158	DESCRIPTION	Structure Boring	2 40		_ 10	GGED E	»ı	SCI
		Columbia, IL, SEC. 23, TWP. 1, RN	<b>G.</b> 10		R	Ī	CORE	s
O67-0006 (E), 067-0	ORING METHOD				E	R		т
STRUCT. NO. (P)	CORING BARREL TY	PE & SIZE	_ D	С	0	à	T	R
BORING NO. B-1	Core Diameter Top of Rock Elev.	in 603.5 ft	E	O R	V	b D	M	N G
Station 109+52	Begin Core Elev.	603.3 ft	T H	E	R			T H
Offset         26 ft L           Ground Surface Elev.         608	ft		(ft)	(#)	(%)	(%)	(min/ft)	(tsf)
WEATHERED LIMESTONE: Gray LIMESTONE: Gray, hard, finely cryst	alling thick hadded with this to	ade of gray shale clichtu 60	73.5 <u>-5</u> 03.3	1	80	56	3	
weathered, dense		sud or gray or raic, originaly						
Driller observed a void and loss of wa existing ground surface.	ater circulation during coring fr	om 6 to 6.7 feet below the	-					
			-10	2	96	85	4	
			-					
			_					
			-15	3	95	95	5	
			$\neg$	,	5.5	"		
			38.3					
Boring terminated at 19.7 feet.			20					
,								
			$\neg$					
			-					
<u> </u>	*************************************					<u> </u>		

Color pictures of the cores	Yes
Cores will be stored for examination until	
The "Strength" column represents the uniaxis	al compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)



SOIL BORING LOG

Page <u>1</u> of <u>1</u>

Division of Highways SCI Engineering, Inc								Date	08/30/0
ROUTE IL 158	DE	SCRIF	MOIT			Structure Boring	·····	LOGGED BY	SCI
SECTION 67-1HBR		۱	.OCATI	ON _	Colum	bia, IL, <b>SEC</b> , 23, <b>TWP</b> , 1, <b>F</b>	ING. 10		
COUNTY Monroe DF	HLLING	METI	1OD			OME 550 WHSA	_ HAMMER TYPE	Auto	matic
067-0006 (E), 067-00 STRUCT. NO. (P)	42	D E P	B L O	UCS	M O I	Surface Water Elev. Stream Bed Elev.	ft t		
BORING NO.         B-2           Station         110+97           Offset         35 ft R           Ground Surface Elev.         583	=	H (ft)	W S (/6")	Qu (tsf)	S T (%)	Groundwater Elev.; First Encounter Upon Completion After Hrs.	ft		
FILL: Brown, medium plastic silty clay, some sand, trace gravel (A-7)						746.2 1113.	*		
Borehole continued with rock coring.			4 50/3"	-					
		-10							
		-10							
		-15							

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SOIL BORING LOGS I STRUCTURE NO. 067-0042

SHEET NO.33	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
OTTEET 140:00	809	67-1HBR	Monroe	144	97
34 SHEETS			CONTRACT	NO. 76	977
	FED. R	DAD DIST. NO. 7   ILLINOIS FED. A	D PROJECT	***************************************	



