(P)	Illinois Department of Transportation	
	Division of Highways	

## **SOIL BORING LOG**

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

Date	8/30/07	

ROUTE U.S. 6			PTION	·			L	OGGI	ED BY	Larry	Mye
SECTION SW & NE Quads											
COUNTY Grundy DRIL	LING	ME	THOD	·	Holle	ow Stem Auger HAMMER	TYPE		ME A	utoma	rtic
	ſ	D	В	U	М			D	В	U	М
STRUCT. NO.	- 1	E	L	C	0	Surface Water Elev.	_ ft	E	Ľ	c	0
Station		P		S	ĭ	Stream Bed Elev.	_π	P	ō	s	i
	- 1	T			s	Committee Florida		T	w	"	s
BORING NO. 2 NE Quad		H	s	Qu	Ť	Groundwater Elev.:	**	Н	S	Qu	T
Station	1			1	1	First Encounter Upon Completion	_ IL ft	"			-
Offset Ground Surface Elev		(ft)	(6")	(tsf)	(%)	After Hrs.	IL ft	(ft)	(⁄6″)	(tsf)	(%
Ground Surface Elev.	_π_	(10)	70 /	(20.7	1707	Arter ris.	_ 11				
Augered, black, Silty Loam/Silty						Very stiff, gray, Clay with very minor Silt. Potential varved Clay			5	3.7	28.
Clay Loam Fill					j	layers (continued)			7	S	
						layere (comment)					
									_		
Stiff, brown/gray/black, Silty			3				*		2		
Loam/Loam, Silty Clay Loam Fill	_		2	1.5	16.8				3	3.5	26.
	-		3	P	1				5	S	
	-		1		l						
		<b>-5</b>	1					-25	2		
	-		2	1.0	22.6			-	3	3.6	24.
			1	Р					5	S	
	-			<u> </u>	<del> </del>	4					
				İ	l						
	-		2		1				2		
			1	1.0	27.3				3	3.4	25.
	-		2	P	27.5				4	S	
					<b> </b>						
All All					ł	B					
Very stiff, black/gray, Silty			_		1	Dense, gray, Loam/Silty Loam			_		
ClaySilty Clay Loam Fill		-10	2		<u> </u>	4		30	8		<u> </u>
			3	2.3	28.4				16		9.8
			5	P					22	Р	<u> </u>
Very stiff, brown⁄gray, Silty	_		]								
Clay/Clay			2		<u> </u>	Hard, gray, Silty Clay Loam/Silty					
			3	2.5	20.0	Loam Till. Brittle					1
	-		5	P	1						
						1					
	•		1								
		-15	2					-35	16		l
	-		3	2.0	31.3				31		12.
			4	S					4>4.	Р	
	-		<del>                                     </del>		<del> </del>	End of Boring					l
			1								ļ.
	-		2								
			3	3.1	29.3	1					
	-		1	3.1 S	25.3						
			5	3							
			_								
		-20	3	[	1	11		-40			İ

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)
BBS, from 137 (Rev. 8-99)

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	Division of High

## Department nsportation

## SOIL BORING LOG

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

ROUTE U.S. 6	DES	SCRI	PTION			······································	LO	OGGE	D BY	Larry	Mye
SECTION SW & NE Quade	<u>s</u>	l	OCA1	ON_	, SEC.	, TWP. , RNG.					
COUNTY Grundy DRII	LLING	ME	THOD		Holle	ow Stem Auger HAMMER	TYPE		ME A	utoma	ntic
STRUCT. NO.		D	В	U	М	Surface Water Elev.	#	D	В	U	М
Station	_	E	-	С	0	Stream Bed Elev.	ft	E	L	С	0
nonino no 1011 o 1		T	O W	S	S			P	O W	S	S
BORING NO. 1 SW Quad		Н	S	Qu	T	Groundwater Elev.: First Encounter		H	S	Qu	T
Station					-	First Encounter Upon Completion	ft	''	•		-
Offset Ground Surface Elev.	- ft	(ft)	(⁄6″)	(tsf)	(%)	After Hrs.	ft	(ft)	(⁄6″)	(tsf)	(%
Augered, black, Silty Loam/Silty		L			<del> </del>	Very stiff, gray/brown Clay with		1	4	2.8	27.
Clay Loam Fill						minor Silt ribbons and potential		-	5	S	
	•					varved Clay (continued)					
						·					
Black, Silty Loam/Silty Clay Loam			3		<u> </u>				3		
Fill with large Concrete debris			37	_	14.6				3	2.0	28.
Soft, dark gray Loam/Silty Loam/Silty Clay Loam Fill			7	P					4	S	ļ
Loanivonty Clay Loani Fin			2			CAUSE COLOR					
		<b>5</b>	2	0.5	21.2	Stiff, gray, Silty Clay		_	2		
		5	3	P.5	21.2			-25	3	1.6	26.
				<u> </u>				-	3	B	20.
	•										<b></b>
								$\dashv$			
	•		2					$\overline{}$	3		
			2	0.5	20.6				5	1.8	24.
			2	P					6	В	
						Medium gray, Loamy/Silty Loam,					
						borderline unconsolidated					
		-10						-30	5		
			2	0.3	23.9				8		11.
			1	Р					15	Р	
Medium gray, Silty Clay/Silty Clay								$\dashv$			
Loam Fill	-		wh			Hard, gray, Silty Clay Loam/Silty					
			2	1.0	26.2	Loam Till, brittle with large LS		-			
	-		2	Р		pieces					
				l							
Soft, gray/black, Silty											
Loam/Loamy/Silty Clay Loam. Alluvial deposits with organics		-15	wh	L	<u> </u>			-35	15		
Andria deposits with organios			2	0.3	33.0				29		8.7
			1	Р					0 > 4.5	5 P	
					1	End of Boring		-			İ
Very stiff, gray/brown Clay with			2								
minor Silt ribbons and potential			3	2.8	29.8			$\dashv$			
varved Clay			5	S							
				<u>-</u> -				ᅱ			
	•										
		-20	3					-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)
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STATE	OF	ILLINOIS	
<b>DEPARTMENT</b>	OF '	TRANSPORTATION	

SCALE: \_

DODING	LOCC	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BURING	LUGS	296	(G <b>.</b> F)I	GRUNDY	11	11
 				CONTRACT	NO. 6	6742
 SHEET NO. 20F 5 SHEETS	STA TO STA.	FED. RO	DAD DIST. NO. ILLINOIS			