Illinois Depa of Transport	ation	et.		S	OIL BORING LOG		1	
Division of Highways Illinois Department of Tran							12	
ROUTE FAP 310 DESCRI	PTION _		US	S 67	at Little Piasa Creek LOGG	ED BY	/I. Tapı	oan
SECTION 60-16-1-1HB	LOCAT	ION _	NW_1	14, SE	C. 4, TWP. 6 N, RNG. 10 W, 3 PM			
COUNTY Madison DRI	LLING N	ETHOD			HSA HAMMER TYPE	140 #	Auto	•
STRUCT. NO. WALL	_ P		U	M	Surface Water Elev. N/A ft	D B	U	M
Station	-	L	C	٥	Stream Bed Elev. NA ft	PO	s	ĭ
BORING NO. LP-W1	1			s	Groundwater Elev.:	T W		S
BORING NO. LP-W1 Station 228+20 Offset 75.00ft Left	_ н	s	Qu	Т	First Encounter No Encounter ft	H S	Qu	T
Offset 75.00ft Left	l,,	1 / 60 //1	(tsf)	(%)	Upon Completion Dry ft After 0 Hrs. Plugged ft	(ft) (/6")	(tsf)	(%)
Ground Surface Elev. 525.8	_# "	1 40)	(LSI)	(70)	After 0 Hrs. Plugged ft Auger Refusal In Light Grey Well	100	(651)	170)
Reddish Brown Moist SILTY CLAY		4			Indurated Crystalline LIMESTONE	- 2"		
		-			1			
		1				-		
	_	1		l				
]		l				
		1 1	L	<u> </u>		_		
		1 3	1.0 B	22		-		
	520.8		1 5			-25		
Reddish Brown Moist CLAY	020.0	۲						
LOAM		5	1					
	-	8	6.1	11				
	_	9	S-12	ļ		_		
		-	1			-		
	******	3				-		
		6	5.6	10				
		7	В					
	515.8 -	0				_30		
Grey and Brown Moist V. Weathered CLAY LOAM (Till)		4		1				
,		8	6.4	11				
		9	S-10			7		
		1.		1				
		7	5.1	11			-	
		۱,	S-10	"			l	
	510.8 -	— <u> </u>	1			-35		
Grey and Brown Dry Weathered	V.10.10				li .		1	
SANDY CLAY LOAM (Till)		3			1		1	
		6	4.2	10		4		
	_	1 8	S-7		l l		l	
		4	1		#	\dashv		
	_	2	1		ll.			
	•	3	2.1	21				
	-	5	S-5	L_				
	505.8 -2	ol		1	1	-40	L	

SOIL BORING LOG

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 T266)
BBS, from 137 (Rev. 8-99)

HAMMER TYPE 140 # Auto

Illinois Department of Transportation

Division of Highways Illinois Department of Transpo						Date 12/110
ROUTE FAP 310 DESCRIPT	ON		U	67 a	t Little Piasa Creek LOGGED	BY M. Tappan
SECTION60-16-1-1HB	LOCATI	ON _	NW 1	/4, SEC	C. 4, TWP. 6 N, RNG. 10 W, 3 PM	
COUNTY Madison DRILL	ING MI	ETHOD			HSA HAMMER TYPE	140 # Auto
STRUCT. NO. WALL	D E P T H	B L O W S	C S Qu (tsf)	M O I S T (%)	Surface Water Elev.	
Grey Broken Crystalline LIMESTONE and Brown CLAY Residuum		10 21 11				
Auger Refusal in Grey Moderately to Well Indurated Crystalline LIMESTONE	-10 -10 -10 -10 -10 -10 -10 -10 -10 -10	_/4"				
	-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 1206)
BBS, from 137 (Rev. 8-9)

Division of Highways Illinois Department of Transpor			u	S 67	at Little Piasa Creek	LO	GGED	BY N	и. т
SECTION 60-16-1-1HB L									
COUNTY Madison DRILLIF						HAMMER TY	me.	140 4	
COUNTY Miadison DRILLIS		г —			пом	_ HAMMEN 11		T 7	_
STRUCT. NO. WALL	P		U	M	Surface Water Elev.	N/A f			
Station :	P	0	s	-1	Stream Bed Elev.	N/A r		ŀ	
BORING NO. LP-W3	T H	W	Qu	S	Groundwater Elev.:	491 0+ F	. 🔻		
Station 229+75 Offset 55.00ft Left		-			First Encounter Upon Completion After <u>24</u> Hrs.	482.0° f	Σ̈́		
Ground Surface Elev. 487.0* f	t (ft)	(/6")	(tsf)	(%)	After <u>24</u> Hrs.	Plugged f			L
Grey and Brown V. Moist SAND LOAM to Medium Grained SAND		ł							
		i							
•		ł							
		1							l
		3							
482.	0* ♡-5								l
Brown and Grey Broken Weathered Crystalline		12		l					
LIMESTONE Free Water	¥	20						1	
rree water .		49							
479.		ł		l					ı
Auger Refusal in Grey Moderately Indurated Crystalline LIMESTONE		60		ļ					
indurated Crystanine Livies Toke		100	<u> </u>	ļ					ı
	-10	1,	1						l
	_								
		1	1						l
		1							
	-	1	1						
á	_	1	1						
		l							1
	_15	1		l					
		1							
		1							
	_	1							
,		1						1	
		1	-	l					
		1							1
	_	ł							l

The Unconfined Compressive Strength UCS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Strength UCS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Strength UCS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter)

The Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter in the Unconfined Compressive Storage (ICS) Failure Mode is indicated by (ib-lindge, 5-closer, P-reconcenter in the Unconfined Compressive Storage (ICS) Failure Mode is indicated to the Unconfined Compressive Storage (ICS) Failure Mode is indicated to the Unconfined Compressive Storage (ICS) Failure Mode is indicated t

Illinois Depa of Transport		nt		S	OIL BORING LOG	Page .	1 of _
Division of Highways Illinois Department of Trans	anortation			_	OIL DOMINIC LOC	Date _	12/13/01
			U	S 67 :	at Little Piasa Creek LOGGED	вум.	Tappan
SECTION 60-16-1-1HB	LOCAT	ION	NW 1	/4. SE	C. 4, TWP. 6 N, RNG. 10 W, 3 PM		
COUNTY Madison DRII					HSA HAMMER TYPE	140 #	Auto
STRUCT. NO. WALL	_ D E P	B L O	U C S	M 0	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft	TT	
BORING NO. <u>LP-W10</u> Station 235 + 00	_ T	w	Qu	S T	Groundwater Elev.: First Encounter No Encounter ft		
Offset 60.00ft Left Ground Surface Elev. 521.7	_ ft (ft)	(/6")	(tsf)	(%)	Upon Completion ft After _24 Hrs Dry ft		
Grey and Reddish Brown Dry SILTY CLAY Residuum							
JETT JETT HOUSEAN		1					
		-					ı
	_	1					
.*	_	3			·		
	_	7	6.6	13			
	 516.2	9	S-6				
Reddish Brown Moist CLAY LOAM Residuum		5			-		
LOAIN RESIGNAIN	-	8	7.1	13			
		10	S8				
Grey and Brown Moist CLAY	513.7	1					
LOAM (Till)	-	8	7.4	15			
.4	511.7 -10	4 :	S-10				
Boring Completed	-	1					
•							
		1					
	_	1					
	-11						
•	_1	1					
		1					
	_	1					
	-	1					
•	_	7					
		1					
	-2			l	L		

Sheet No. 7 of 8 Sheets

FAP ROUTE	SECTION	COUNTY	TOTAL SMEETS	SHEET NO
310	60-16-1, 42-1	MADISON	481	183
STA,		TO STA.		

*INDICATES ELEVATION CHANGE BY HLC TO MATCH EXISTING CONTOURS, ORIGINAL BORING LOCATIONS WERE CHANGED IN THE FIELD AND ELEVATIONS APPEARED INCORRECT.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

FAP ROUTE 310 SECTION 60-16-1, 42-1 MADISON COUNTY