## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING NO. 4a STA. 401+38 13' RT. OF & RDWY.

Illinois Dep of Transpo Division of Highway Illinion Department of Transp	oartn rtati	nen on	t		SC	IL BORIN	G LO	•	age <u>1</u> of <u>1</u>
			ION	PS	92-060 Road o	-08 Bridge over Bypas over Bypass 20, .25 m.	s 20, Weldon S. of BR 20	_ LOGGEE	BY J. Strating
SECTION (1-1HB-1) D		LOC	CATI	ON_	Winne	bago Twp 25SW, SE	C., TWP. 26N	RNG.11E	
COUNTY Winnebago DR	ILLING	METH	IOD		Hol	low Stem Auger	_ HAMMER T	YPE <u>B-53 Di</u>	edrich Automati
STRUCT. NOStation	= [	E I	B L O	UCS	M 0 - 0	Surface Water Elev. Stream Bed Elev.			
BORING NO.   B-4a	_	н		Qu	S	Groundwater Elev.: First Encounter Upon Completion		ft ft	
Ground Surface Elev. 98.00 MEDIUM brown SILTY CLAY	ft	(ft) (/	6")	(tsf)	(%)	AfterHrs.		ft .	
LOAM	-	1		0.8 P	17.0				
MEDIUM AUTO AV	95.50	1							
MEDIUM brown SILTY CLAY LOAM	94.00	1	2 3 3	0.8 P	22.0				
STIFF tan/brown SILTY LOAM	-	-5	1						
**************************************	91.50		2	1.3 P	26.0				
STIFF red/brown CLAY LOAM			1 3	1.8	19.0				
z.	89.00 _		5	P	10.0				
MEDIUM red/brown LOAM	-		2	1.0	16.0				
·	86.00	+	5	Р					
MEDIUM tan weathered LIMESTONE	84 00		2 8 9						
VERY DENSE tan weathered			14						
	81.00		N/B		_				
Borehole continued with rock coring.	-	1							

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)

BORING NO. 4a STA. 401+38 13' RT. OF & RDWY.

Illinois Department of Transportation ROCK CO					D	ate1	/23/07
P92-060-08 Bridge over By DUTE FAP 301 DESCRIPTION Road over Bypass 20, .25	pass 20, m.S. of	Weld BR 2	don 10	_ LO	GGE	BY <u>J.</u>	Stratin
ECTION (1-1HB-1) D LOCATION Winnebago Twp 25SW	, SEC., 1	WP.	. 26N,	RNG.	11E		
DUNTY Winnebago CORING METHOD				R	R	CORE	S
TRUCT. NO CORING BARREL TYPE & SIZE	1	D	С	CO	Č.	T	R
Station Core Diameter 2 in		E	0	v		M	N
ORING NO. B-4a Top of Rock Elev. 86.00 ft		P	R	E R	D	E.	G
Station		н		Y			Н
Ground Surface Elev. 98.00 ft		(ft)	(#)	(%)		(min/ft)	(tsf
plomite: yellow-tan, porous, pitted and grainy, severely fractured and crumbly.	81.00		1	60	0	1.6	0.0
		-20					
		_		ŀ			
		_					
plomite: as above, though less fractured.	76.00		2	100	18	2	227
s.f.: 72.5 to 71.9							
		-					
		_					
		25					
				İ			
	71.00		ł			İ	
olomite: as above, last 24 inches intact. s.f.: 67.5 to 66.9		_	3	80	28	2.4	722
s.l 07.5 t0 00.9		_	1	1			
			1	1			
		-30					
			1				
			1				
	66.00		1_	<u> </u>	ļ		
nd of Boring		_	1				
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		35					
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Note: To correct Boring Logs B-2a, B-3a, B-4a & B-5a to Plan Datum, add 733.12 to Elevation Value in Boring Logs. BORING NO. 5a STA. 399+09 32' RT. OF & RDWY.

Of Transpo Division of Highway Britishes Department Transpo ROUTE FAP 301 BECTION (1-1HB-1) D COUNTY Winnebago Di	portation/0-2 DESCR	EIPTIOI	NP	92-060 Road Winne	bago Twp 25SW, SEC	20, Weldon 5, of BR20 5., TWP, 26N, R	
STRUCT. NO. Station   Station   Station   Station   Station   10+63   Offset   36,00f Lt CL   Ground Surface Elev.   80.70	D E P T H	B L O W S	U C S Qu (tef)	M O I S T (%)	Surface Water Elev Stream Bed Elev.  Groundwater Elev.: First Encounter Upon Completion After Hrs.	79.00 ft  None ft	
MEDIUM brown SILTY CLAY  COAM  FROZEN brown SILTY CLAY  LOAM (top half of sample)  DENSE tan weathered  LIMESTONE (bottom half)	78.20	10 17 18	0.8 P	22.0			
VERY DENSE tan weathered LIMESTONE Borshole continued with rock coring.	75.20	100/4			·		
		0					
		15					
	-						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Buige, 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)

in Datum, add 733.12 in Boring Logs.

				<u>S.N.</u>	<u> 101-0120</u>			
	SHEET NO.	F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
33 OF 34 SHEETS	301	(1-1HB-1)D		WINNEBAGO	55	49		
	34 SHEETS	CONTRACT NO. 64E1						
ı			ILLINOIS	FED. A	ID PROJECT		CHACLES	

SOIL BORINGS

DESIGNED	SCD	
CHECKED	DRB	
DRAWN	THW	
CHECKED	SCD	

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