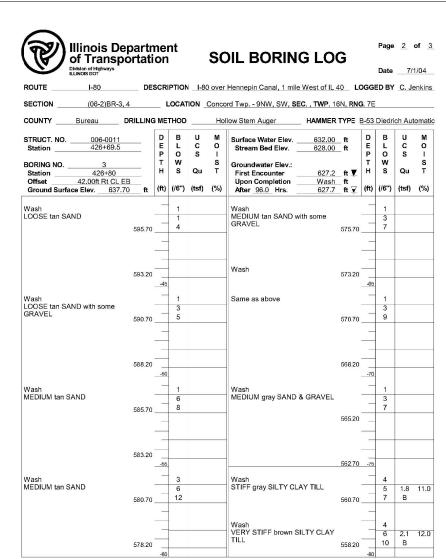
Division of Highways	ortati	on	1		SC	DIL BORING LO	G		Date	7/1	/0.4
ILLINOIS DOT	DES	CR	IPTION	N 1-8	0 over	Hennepin Canal, 1 mile West of IL	40 LG	oggi			
SECTION(06-2)BR-3, 4	1	_ 1	LOCAT	ION	Conco	erd Twp 9NW, SW, SEC. , TWP. 1	6N, <b>RN</b>	<b>G</b> . 7E			
COUNTY Bureau D	RILLING	ME	THOD		Hol	llow Stem Auger HAMMER	TYPE	B-53	Diedri	ch Aut	omat
STRUCT. NO. 006-0011 Station 426+69.5 BORING NO. 3	_	D E P T	B L O W	U C S	M O I S	Surface Water Elev.   632.00     Stream Bed Elev.   628.00     Groundwater Elev.:		D E P T	B C W	U C S	M 0 1 S
Station         426+80           Offset         42.00ft Rt CL Et           Ground Surface Elev.         637.70		H (ft)	S (/6")	Qu (tsf)	T (%)	Upon Completion Wash	_ft.▼ _ft _ft.⊽	H (ft)	S (/6")	Qu (tsf)	T (%)
MEDIUM brown SILTY LOAM with	- 0	_		0.8	15.0	Wash		_	4		354040
		_		P	10.0	LOOSE tan fine SAND	615.70		2 5		
MEDIUM tan SAND & GRAVEL	635.20	-	10			MEDIUM tan fine SAND		_	4		
	633.20		10 13				613.20		5 6		
Same as above		-5	6			Same as above		-25	4		
	630.70	_	6 7				610.70		5 7		
LOOSE tan SAND & GRAVEL		_	3					_			
	628.20	_ \ <del>-</del> 10	3 4				608.20	-30			
LOOSE gray SAND & GRAVEL		Ť.	1 1			Wash LOOSE tan fine SAND		-50	1 2		
	625.70	_	3			EGGGE tall line GAIND	605.70		3		
Same as above			2					=			
	623.20	-15	4				603.20	-35			
DENSE gray SAND & GRAVEL		_	7			Wash LOOSE tan SAND with some			4		
	620.70		23			GRAVEL	600.70		6		
Wash DENSE tan river SAND &		_	14					_			
GRAVEL	618.20	_	17				598.20				

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 T206)



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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**SOIL BORING LOG** 

Page 3 of 3

ROUTE	I-80	DE	SCR	IPTION	I _ I-8	0 over	Hennepin Canal, 1 mile West of IL	40 L	OGG	ED BY	C. Je	enkins
SECTION	(06-2)BR-3, 4	c	_ 1	OCAT	ION _	Conco	rd Twp 9NW, SW, SEC., TWP. 16	3N, <b>RN</b>	3. 7E			
COUNTY	Bureau DI	RILLING	ME	THOD		Hol	low Stem Auger HAMMER	TYPE	B-53	Diedri	ch Aut	omat
STRUCT. NO		_	D E P	B L O	U C S	M O I	Surface Water Elev.         632.00           Stream Bed Elev.         628.00		D E P	B L O	U C S	M O I
BORING NO	426+80		H	s	Qu	S T	Groundwater Elev.: First Encounter 627.2		H	w s	Qu	S T
	42.00ft Rt CL EB Elev. 637.70		(ft)	(/6")	(tsf)	(%)	Upon Completion         Wash           After 96.0 Hrs.         627.7	π ft ⊻	(ft)	(/6")	(tsf)	(%)
VERY STIFF bro	wn SILTY CLAY		_	4			Wash		,_	6		
TILL			_	7	2.0 B	13.0	STIFF gray SILTY CLAY TILL	505 70	_	8	1.8 B	12.0
		555.70	_					535.70	_	10		
7/2/04			_	6			Wash		=	8		
Same as above		553.20	_	10 12	2.4 B	11.0	VERY STIFF gray SILTY CLAY TILL	533.20		11 16	2.9 B	11.0
			-85						-105			
Same as above			_	7	2.7	12.0	Wash Same as above			8	2.3	11.0
		550.70		15	B	12.0		530.70		20	В	11.0
			_						_			
Same as above			_	5 11	2.1	12.0	Wash Same as above		_	12 20	3.7	13.0
		548.20	-90	13	В		End of Boring	528.20	-110	31	В	
Wash			-90	6					-110			
Same as above				9	2.0	12.0			_			
		545.70	_	11	В				_			
Wash			_	5					_			
Same as above				7	2.0 B	12.0						
		543.20	-95						-115			
Wash			_	6					_			
Same as above		540.70	_	8 17	2.0 B	12.0			_			
		w sess W	_						_	1		
7/6/04 Wash VERY STIFF gra	v SILTY CLAY			6	2.3	12.0			_			
TILL	, CILLI OLAI	538.20		13	2.3 B	12.0			_			

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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OATES ASSOCIATES	
Engineering + Architecture	

USER NAME =	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

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SOIL BORING LOGS						
STRUCTURE NO. 006-0184 (E.B.) & 006-0185 (W.B.)						
SHEET NO. 41 OF 43 SHEETS						

F.A.I. RTE.	SECTION				COUNT	Υ	TOTAL SHEETS	SHI N
80	(06-2)	Т	BUREA	U	133	8		
				Т	CONTR	ACT	NO. 6	699
		ILLINOIS	FED.	AID	PROJECT			