BORING NO. PB-200A (1 OF 3)

BORING NO. PB-200A (2 OF 3)

BORING NO. PB-200A (3 OF 3)

of Transportati	nent ion					SOIL BORING LOG					
Division of Highways geolechnology									Date	3/2	27/02
OUTE FAI 64	FAI 64 DESCRIPTION					Trilevel Interchange	GGED	BY	K	MP	
ECTION 81-2, 82R		L	OCATIO	N _	East St.	Louis, IL, SEC. 18, TWP. 2N, RNG. 9W					
OUNTY St. Clair DRILL	LING ME	THOD	1		Hollow S	Stem Auger and Mud Rotary HAMMER TYPE	_		Automat	ic Hamm	er
TRUCT. NO. 082-0394		D	В	U	M	Surface Water Elev. Unknown	#	D	В	U	ı
Station NA	-	E	L	С	0	Stream Bed Elev. Unknown		E	L	С	(
		Р	0	S	- 1	Australian		Р	0	S	
DRING NO. PB-200A	_	T	W		S	Groundwater Elev.:		T	W	_	1
Station 13+14		Н	8	Qu	T		t 🔻	H	S	Qu	
Offset 23.00ft left	_	100	/AND	4.0	,,,,	Upon Completion **	ft	, L	(IOT)	4-0	
Ground Surface Elev. 413.12	ft	(ft)	(/6")	(tsf)	(%)		ft	(ft)	(/6")	(tsf)	(
own and black, SILTY LOAM,						Loose, brown, FINE GRAINED					
ce cinders, organics, and brick gments (FILL)						SAND (continued)					
jmenis (FILL)			2						2		
			2		37		391.12		6		
			3			Stiff, gray, SILT			10		<u>_</u>
								_			
	409,12		1		ļ				5		_
y stiff, brown and gray, CLAY			3	2.3	43			_	5		
		-5	4	S		See Gradation Test Results		-25	5		L
	407.62						387.62				
, brown, SILTY CLAY						Medium dense, gray, SANDY LOAM					
		_	1			with silt seams from 26 to 27.5 feet		_	4		L
			3	1.7	38	Will out document to the transfer			8		
			3	S				_	9		_
	405.12										
dium stiff, brown, SILT		-									
			1		L	4			3		_
		_	2		33	-			-		
		-10	3			1		▼ -30	9		_
	402.62										
se, brown, SANDY LOAM											
			3		<u> </u>	-					
			3								
Gradation Test Results			2			4		-		1	
CLAR COLT	400.12										
y soft, brown, SILT			1						5		
			1		37			-	6		\vdash
			1		3/	See Gradation Test Results			6		1
		-15			-	OGC CHAUGHUH 1651 NOSURS		-35			-
	397.62	_				NAME OF THE PARTY		-			
h bhiab arou SILTV CLAV			1								
t, bluish-gray, SILTY CLAY				1	1	4		\dashv			
t, bluish-gray, SILTY CLAY				*							
	396.12		2	*	44	Madium doses to doses array	376.12				
ise, brown, FINE GRAINED	396.12			·	44	Medium dense to dense, gray,	376.12				
ose, brown, FINE GRAINED	396.12		2	•	44	Medium dense to dense, gray, FINE GRAINED SAND	376.12				
ise, brown, FINE GRAINED	396.12		7	•	44		376.12		Q		
it, bluish-gray, SILTY CLAY DOSE, brown, FINE GRAINED ND	396.12		2	*	44		376.12		8		

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)
Rimac attempted, not measured due to sample disturbance
Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation						SOIL BORING LOG					Page Date		of <u>3</u>	
ROUTE	geotechnology FAI 64	DESCRIPTION			Trilevel Interchange					LOGGED BY		3/27/02 KMP		
SECTION	DLO		OCATION	J	Fact St	Louis, IL, SEC. 18, TWP. 2N, RI	IC OW		COLD		NMP			
COUNTY	81-2, 82R St. Clair DRII	I INC ME	LING METHOD		-		item Auger and Mud Rotary	HAMMER TYPE		A.4			ic Hammer	
		LLING INL								D	В	U M		
STRUCT. NO. Station	082-0394 NA		D E	B L	С	0	Surface Water Elev. Stream Bed Elev.	Unknown 1		E	L O	C	0	
BORING NO.	PB-200A		P T	W	S	S	Groundwater Elev.:		_	Т	W		S	
Station Offset	13+14 23.00ft left		н	S	Qu	T	First Encounter Upon Completion	383.1	t. <u>▼</u> t	Н	5	Qu	1	
Ground Surface E	ilev. 413.12	ft	(ft)	(/6")	(tsf)	(%)	After ** Hrs.	**	t	(ft)	(/6")	(tsf)	(%)	
Medium dense to de FINE GRAINED SA			-				Medium dense to dense, gray FINE GRAINED SAND (conti							
			_											
				4							12			
			-45	6 11						-65	15 21			
			-40											
								r			3			
				5 25		-	with sifty clay seams from 68. 70 feet	o to			5		32	
			-50	26			-			-70	7			
			-							-				
			-	9			with organic seams from 73.5	to			15			
				11			75 feet				15 24			
			-55	14						-75	24			
										_				
				14 18		ļ	1							
			-60						333.12	-80				

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 T205)

* Rimac attempted, not measured due to sample disturbance
** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

いなり	Ilinois Depai of Transporta	rtment ation				SOIL BO	RIN	G LOG		Page	_	of
ROUTE	ivision of Highways eolachnology FAI 64	DEG	CRIPTION			Trilevel Inte	rohanaa		LOGGE	Date		27/0
									10001			2411
SECTION	81-2, 82F	<u> </u>	LOCA	ATION	East St.	Louis, IL, SEC. 18, TM	P. 2N, F	ING. 9W				
COUNTY	St. Clair	DRILLING M	ETHOD		Hollow :	Stem Auger and Mud R	ctary	HAMMER TYPE		Automai	tic Hamm	er
STRUCT. NO. Station	082-0394 NA		E	B U L C	M 0 1	Surface Water Elev. Stream Bed Elev.		Unknown ft Unknown ft				
BORING NO. Station Offset Ground Surface Ele	PB-200A 13+14 23.00ft left	3.12 ft	н :	N S Qu 6") (tsf)	S T (%)	Groundwater Elev.: First Encounter Upon Completion After **	Hrs.	383.1 ft	<u>*</u>			
Ground sulface testing Medium dense, gray, GRAINED SAND, with Seams Dense, gray, FINE GI SAND	MEDIUM n sitty clay	326.12		8 11 13		Altel	riis.			-		
End of Boring		323.12	90 1	4 20 12 2								
			-95									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (8-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

** Rimac attempted, not measured due to sample disturbence

** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

Sheet PB-20 of 25

FILE NAME =	USER NAME = bhatta	DESIGNED -	REVISED -			BORING LOGS	F.A. SECTION	COUNTY TOTAL SHEET SHEETS NO.	
Ø82-Ø394_76C47_S2Ø_B0R-Ø1.dgn		DRAWN - MK	REVISED -	STATE OF ILLINOIS		STRUCTURE NO. 082-0394	64 82-1-1HBR	ST. CLAIR 93 61	
	PLOT SCALE = 0:1 ':" / IN.	CHECKED - ATB	REVISED -	DEPARTMENT OF TRANSPORTATION		31110G1011L 110. 002-0334		CONTRACT NO. 76C47	
	PLOT DATE = 5/1/2009	DATE - 05/01/09	REVISED -	'	SCALE:	SHEET NO. OF SHEETS STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED.	. AID PROJECT