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

(P)	Illinois of Transp	Departme	ent	SI	n I I	BORIN	G LOG			Page	1 0	of <u>3</u>
	Division of Highways geotechnology	OI TOTTO			016	DOMIN	0 200			Date	3/27	/02
ROUTE	FAI 64	DESCRIPTIO	N	Ţ	rilevel I	nterchange		LOG	GED	ВҮ	K	MP
SECTION _	81-2, 82R	LOC	ATION	East S	t. Louis,	1L, SEC. 18, T	WP, 2N, RNG.	9W				
COUNTY	St. Clair D	RILLING METHOD	Hollow S	tem Aug	er and N	/ud Rotary	_ HAMMER TY	PE _	Autor	matic	Hamme	er
Station BORING NO. Station	082-0394 NA PB-200A 13+14 23,00ft left	T	B U C C S W S QU	0 I S	Stream Grounds First	e Woter Elev. n Bed Elev. water Elev. Encounter Completion	Unknown 383.1	_ f† _ f† <b>⊻</b> _ f†	D E P T H	B L O W S	C S Qu	0 1 5 T
Brown and b	face Elev. 413,12 lack, SILTY LOAM, rs, organics, and br FILL)		(tsf)	(%)	Loose,	** Hrs. brown, FINE GR ontinued)		_ f+ _{	f+) (,	/6") ( 2	tsf)	(%)
			2 3	37	Stiff, q	gray, SILT		391,12		6 10		28
Very stiff,	brown and gray, CL/	-5	1 3 2.3 4 S	1 1	See Gro	odation Test F			-25	5 5 5		
Stiff, brown	, SILTY CLAY	407.62	1 3 1.7 3 S	38	LOAM	dense, gray, f seams from	SANDY	387,62 - feet		4 8 9		
Medium stiff	, brown, SILT	405.12	1 2 3	33				- -	<b>▼</b> 30	3 6 9		
	n, SANDY LOAM	402,62	3 3									
Very soft, t	on Test Results	400.12	1	37				-		5		
Soft, bluish-	gray, SILTY CLAY	397.62	1	J1	See Gro	adation Test I	Results		-35	6		
Loose, brown SAND	n, FINE GRAINED	396.12	2 * 7	44		dense to den AINED SAND	se, gray,	376,32				
		-20	5 6 4					-	-40	8 11 14		-

The Unconfined Compressive Strength (UCS) Fallure 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

BBS, from 137 (Rev. 8-99)

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

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

(P)	Illinois De of Transpor	epartment	SOIL BORING LOG	Page	<u>2</u> of _
	Bivision of Highways geotechnology	TUTTOIT	. JOIL DONING LOG	Date	3/27/02
ROUTE		DESCRIPTION	Trilevel Interchange	LOGGED BY	KMP
SECTION	81-2, 82R	LOCATION	East St. Louis, IL, SEC. 18, TWP. 2N, RNG. 9W	MANUSCO PERSONAL POR PROPERTY OF THE PROPERTY	
COUNTY	St. Clair DRIL	LING METHOD Hollow St	em Auger and Mud Rotary HAMMER TYPE	Automatic	Hammer
BORING NO. Station Offset Ground Sur		D B U C P O S T W OU (†sf)	Surface Water Elev. <u>Unknown</u> ft  Stream Bed Elev. <u>Unknown</u> ft  Groundwater Elev.: First Encounter 383.1 ft  Upon Completion ** ft  After ** Hrs. ** ft  Medium dense to dense, gray, FINE GRAINED SAND (continued)	P O T W	U M C D S I S Qu T (†s†) (%)
		5 25 -50 26	with slity clay seems from 68.5 to 70 feet  with organic seems from 73.5 to	3 5 -70 7	32
		11 55	75 feet	-75 24	
		14 	333	2 -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 (AASH10 T206)

• Rimac attempted, not measured due to sample disturbance

BBS, from 137 (Rev. 8-99)

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

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

(V) Illinois of Transp	Depa	rtn	nen:	+				Page	<u>3</u> of <u>3</u>
of Transp Division of Highways geotechnology	orta	tic	n		5	OIL BORIN	6 LUG	Date	3/27/02
ROUTE FAI 64	DES	CRIPT	ION			Trilevel Interchange		LOGGED BY	KMP
SECTION 81-2, 82R		L	OCATIO	N _	East S	t. Louis, IL, SEC. 18, T	WP, 2N, RNG, 9W		***************************************
COUNTY St. Clair	RILLING N	METHO	D Holi	low St	em Auc	er and Mud Rotary	HAMMER TYPE	Automatic	Hammer
STRUCT, NO. 082-0394 Station NA		D E P	B L O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.			
BORING NO.   PB-200A     Station   13+14     Offset   23,00ft left     Ground Surface Elev.   413,12		Н	<b>W</b> S	Qu (tsf)	S T	Groundwater Elev.: First Encounter Upon Completion After_** Hrs.	383.1 ft	-	
Medium dense, gray, MEDIUM GRAINED SAND, with slity clay seams						-			
		-85	8 11 13						
Dense, gray, FINE GRAINED SAND	326.12		4 20						
End of Boring	323.12	-90							
		-95							

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
BBS, from 137 (Rev. 8-99)
Not measured due to drilling methods used

Sheet No. WA-12 of 12

COUNTY TOTAL SHEET NO.
ST. CLAIR 93 78
CONTRACT NO. 76C47 SOIL BORING LOGS (3 OF 3) USER NAME = bhatta DESIGNED REVISED SECTION STATE OF ILLINOIS 082-W228\_76C47\_S12\_B0R-03.dgn DRAWN REVISED 82-1-1HBR STRUCTURE NO. 082-W228
SHEET NO. OF SHEETS STA. CHECKED - ATB REVISED DEPARTMENT OF TRANSPORTATION PLOT SCALE = Ø:1 ':" / IN. TO STA. - 05/01/09 FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT REVISED PLOT DATE = 5/1/2009 DATE