BORING NO. RW-79 (1 OF 3)

BORING NO. RW-79 (2 OF 3)

BORING NO. RW-79 (3 OF 3)

MILLingis Depo	ır+r	nen:	t				Page	_1 (of <u>3</u>
of Transporto	ıti c	on		S	OIL BORING LOG		Date	10/	22/02
	SCRIP	T]ON			Trilevel Interchange L(OGGED	ВҮ	V	/Z
SECTION 81-2, 82R	L	OCATI	ON I	East S	t. Louis, IL, SEC. 18, TWP. 2N, RNG.	9W			
					Auger and Mud Rotary HAMMER TYPE				mer
STRUCT. NO. RW-W229 Station NA	D E P	B L	U C S	M 0 1	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft	D E P	B L O	U C S	M 0 I
BORING NO. RW-79 Station 21+26 Offset 25.00ft right Ground Surface Elev. 415.12 ft	T H (ft)	W S (/6")	Qu	S T (%)	Groundwater Elev.: First Encounter 396.6 ft♥ Upon Completion *** ft After Hrs. ** ft	(ft)	₩ S (/6″)	Qu (†sf)	S T (%)
Topsoil ~ 6 inches 414.6 Medium stiff, brown, SJLTY CLAY LOAM		2			Very soft, brown, SILTY LOAM 394.62 (continued) Medium dense to loose, gray, SANDY LOAM		4		
412.1	,	.2	2.0 P	28	SANDI LUAM		7		
Soft, brown, SILT		2	1.8	36		-25	3		
409.6 Soft, brownish-gray, CLAY, blocky texture with slickensides	2	1 1	P 1.5	42	See Gradation Test Results	25 	9 4 6		
Soft, brownish-gray, SILTY CLAY LOAM	2	1 2	P 1.5	32			2		
404.6 Stiff, grayish-brown, SJLTY LOAM		2	Р	25	with silty clay seams	-30	4		
Medium dense to loose, grayish-brown, FINE GRAINED	2	4 6 3		20			3	-	
SAND, with silt seams	-15	8				-35	6		
		2 4 5			378.12 Medium dense to dense, gray, FINE GRAINED SAMD	2 -			
Very soft, brown, SILTY LOAM	2 <u>▼</u> -20	1 1 1		33	See Gradation Test Results	-40	11 11 9		-

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)

* Rimna 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

क्रि)	Illinois De	epartm	nent	C	OIL BORING LOG		Page	2 (of <u>3</u>
	OT IT OHSPOR Division of Highways geotechnology	TOTIC)[]	J	UIL DUNING LUG		Date	_10/2	22/02
ROUTE	FAI 64	DESCRIP	TION		Trilevel Interchange	LOGG	ED BY	V	17
SECTION	81-2, 82R	LI	OCATION .	Eost S	St. Louis, IL, SEC. 18, TWP. 2N	, RNG. 9W			
COUNTY	St. Clair DRIL	LING METH	IOD Ho <u>llow</u>	Stem	<u>Auger and Mud Rotary</u> HAMMER TY	(PE	Automat	ic Ham	mer_
Station BORING NO. Station Offset Ground Sur- Medium dense	RW-W29 NA RW-79 21+26 25.00ff right face Elev. 415.12 a to dense gray,) SAND (continued)	- H (ft)	8 9 12	M 0 1 1 S T T (%)	Surface Water Elev. Unknown Stream Bed Elev. Unknown Groundwater Elev: 396.6 Upon Completion ** After Hrs. ** Medium dense to dense gray. FINE GRAINED SAND (continued) See Gradation Test Results		L O W	U C S Qu (+sf)	M 0 1 S T (%)
			19 17 12				8 10 80 11		

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 7206)

* Rimac attempted, not measured due to sample disturbance
BBS, from 137 (Rev. 8-99)

** Not measured due to drilling methods used

1 (6/)	Ilinois D f Transpo ision of Highways fechnology	epartmen ortation	1†	SOIL BORING	G LOG		3 of
		DESCRIPTION	l	Trilevel Interchang	je		
				St. Louis, IL, SEC. 1			
COUNTY S	t. Clair DR	ILLING METHOD	Ho <u>llow Ste</u>	em Auger and Mud Rotary	HAMMER TYPE	Automat	ic Hammer
STRUCT. NO Station	NA	D B E L P O T W		Stream Bed Elev.			
Ground Surface	21+26 25.00ft right Elev. 415.12	— H S	Qu T	First Encounter _	** f	†	
Medium dense to FINE GRAINED SA	dense, gray, ND (continued)						
		-85					
		_					
		11 16 325.12 -90 20					
End of Boring		325.12 -90 20					
		-95					
		-95 -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 EA-14 of 15

						01/00/ = // 1/ 0/ 10
FILE NAME =	USER NAME = bhatta	DESIGNED -	REVISED -		SOIL BORING LOGS	F.A. SECTION COUNTY TOTAL SHEET NO.
Ø82-W229_76C47_S14_B0R-Ø2.dgn		DRAWN - MK	REVISED -	STATE OF ILLINOIS	(2 OF 3)	64 82-1-1HBR ST. CLAIR 93 92
	PLOT SCALE = Ø:1 ':" / IN.	CHECKED - ATB	REVISED -	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 082–W229	CONTRACT NO. 76C47
	PLOT DATE = 5/5/2009	DATE - 05/01/09	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT