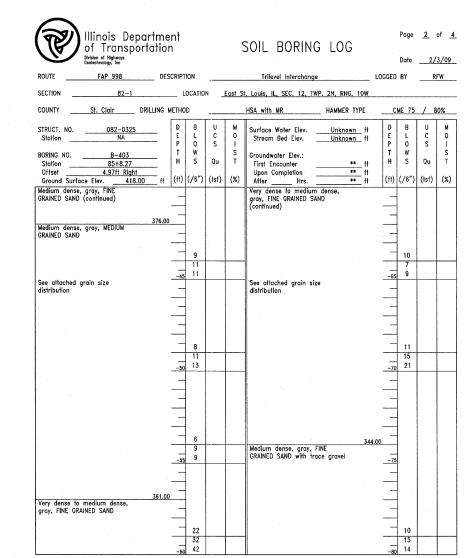
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(43)	Illinois Depa	rtment				COUL DODIN	0.100	Page	1 0	of <u>4</u>
TA	Illinois Depa of Transport Division of Highways Geotechnology, Inc	ation			,	SOIL BORIN	G LUG	Date	2/	3/09
ROUTE		DESCRIP	TION			Trilevel Interchan	qe	LOGGED BY	RI	FW
SECTION	82-1		OCATIO)N	Fast S	t. Louis, IL, SEC. 12,	TWP. 2N. RNG. 10W			
COUNTY	St. Clair DR			"" _	Lusi o	HSA with MR			/ 8	10%
COUNTY	31. Cidil Di		Т	T	 	HOA WITH MIX	HAMMEN TITE			
_	NA	— D E P	L O	CS	0	Surface Water Elev. Stream Bed Elev.	Unknown ff Unknown ff	P O	C S	M 0
Station Offset	8–403 85+8.27 4.97ft Right	T	S	Qu	S T	Groundwater Elev.: First Encounter Upon Completion	** ft		Qu	S T
Ground Su TOPSOIL	rface Elev. 418.00	ft (ft)	(/6")	(tsf)	(%)	After Hrs. Loose, light gray, F		(ft) (/6")	(tsf)	(%)
	ck SILT (FILL), trace nders, and sand	417.00	2			SAND, with silt See attached percent	passina No.			
			2 4		20	200 sieve	,	5 5		
Medium stif	f, brown, SILTY CLAY	414.50	2 2	2.0	29	loose		4		
		_=	5	B B	23	louse		5		
Stiff to soft	l, grayish brown, SILTY	412.00				Medium dense, gray, GRAINED SAND	FINE	7		
		_	3 4		29	ppurate and a second		10		
			1 2		27	Control of the Contro		7 8		
		1	2					-30 8		
			4							
		405.00	5 7		24					
Medium den GRAINED SAI	ise, gray, FINE ND, with silt		5					8		
			7 5 8					11 15		
			8 7							
			11							
I are			1 0	1	1	H :		1 9	1 1	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 1206)

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

BBS, from 137 (Rev. 8-99)



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 not measured due to sample disturbance
** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page <u>3</u> of <u>4</u>

Division of High Georgechnology, In	risportatio				. •	DOIL BOILING	LOO		Date	2/	3/09
	98 DE	SCRIPTION	ON			Trilevel Interchange		LOGGED	BY	RI	w
SECTION	82-1	LO	CATIO	N _	East St	Louis, IL, SEC. 12, TWP	. 2N, RNG. 10W				
COUNTY St. Clair	DRILLING	METHOD)			HSA with MR	HAMMER TYPE	CN	ME 75	/ 8	0%
	NA	D E P	B L O	U C S	M 0 1	Surface Water Elev Stream Bed Elev	Unknown ft Unknown ft	D E P	B L O	U C S	M 0 1
BORING NO. B- Station 85-	8.27	T H	W S	Qu	S T	Groundwater Elev.: First Encounter	** ft	H	W S	Qu	S T
Offset 4.971 Ground Surface Elev.	418.00 ft	(ft) ((/6")	(tsf)	(%)	Upon Completion After Hrs	** ff	(ft)	(/6")	(tsf)	(%)
Medium dense, gray, FINE GRAINED SAND with trace (continued)	gravel					BOULDERS AND COBBLES					
						Dense, gray, COARSE GR SAND, with gravel	AINED 316	.00		-	
		-85						-105			
				-							
		4	10 9					_	12		
		-90	12					-110	18		
	700	_									
BOULDERS AND COBBLES	326.0										
Medium dense, gray, COAF	324.0	•			-	BOULDERS AND COBBLES	304	1.00			
GRAINED SAND with gravel		-95						<u>-115</u>			-
						CRYSTALLINE LIMESTONE	301	1.50			
						See Rock Core Log					
			11								
	318.0	0 -100	8	L	<u> </u>	-	11-11-11-11-W	-120			

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 1206)

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

BBS, from 137 (Rev. 8-99)

AECOM

USER NAME = BhattA	DESIGNED	-	ATB	REVISED	-	
	DRAWN	-	MK	REVISED	-	
PLOT SCALE = 0:2 ':" / 1m.	CHECKED	-		REVISED	-	
PLOT DATE = \$DATE\$	DATE	-	03/18/2011	REVISED	-	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

BORING LOGS - II - S.N. 082-0325 I-70W OVER I-55, CSX & KCS RAILROADS SCALE: NONE SHEET NO. S-132 OF S-138 SHEETS STA.

COUNTY TOTAL SHEET NO.
ST. CLAIR 319 247 SECTION 70 82-1-B-1 S.N. 082-0323 & S.N. 082-0325 | CONTRACT NO. 76C75 FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT