76C75_Boring-5.dgn
.082-0325.
Sheet\S135
1\082-0323
\Structural
solidated

(P)	Illinois Depart of Transporta	ment		SOIL BORING LOG	Page <u>3</u> of <u>3</u>
(A)	OT Iransporta Division of Highways Geotechnology, Inc	tion			Date <u>2/17/09</u>
ROUTE	FAP 998	DESCRIPTION		Trilevel Interchange LOGGED	BY LAH
SECTION _	82-1	LOCATIO	ON <u>Eas</u>	St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W	
COUNTY	St. Clair DRILL	ING METHOD		HSA with MR HAMMER TYPE CME	750X / 73%
STRUCT, NO.	082-0325 NA	D B E L P O	U C S	Stream Bed Elev. Unknown ft E	B U M L C O O S I
BORING NO. Station Offset Ground Sur		T W S - (ff) (/6")	Qu (tsf) (First Encounter ** ft H	W S Qu T (/6") (tsf) (%)
Medium dens	se, gray, FINE ID, trace silt	-11 1(1) (1)	()	Dense, gray, MEDIUM GRAINED SAND (continued)	0 7 (47)
(confinued)					
				= = = = = = = = = = = = = = = = = = = =	20
very dense		25 30			25 27
Dense, gray, SAND	MEDIUM GRAINED	——————————————————————————————————————		BOULDERS AND COBBLES	50/1"

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 T206)

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

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation Page <u>1</u> of <u>3</u> SOIL BORING LOG Date <u>2/23/09</u> FAP 998 DESCRIPTION LOGGED BY MCD 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W St. Clair DRILLING METHOD HAMMER TYPE CME 55 / 80% HSA with MR Groundwater Elev.:
First Encounter
Upon Completion
After ____ Hrs. Medium dense, gray, FINE GRAINED SAND, trace silt Stiff to soft, brownish gray, SILTY CLAY See attached grain size distribution Very loose to loose, grayish black, SANDY LOAM Very soft to stiff, brown, SILTY LOAM

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)

Illinois Department of Transportation

SOIL BORING LOG

Page <u>2</u> of <u>3</u>

	Division of Highways Geotechnology, Inc	Tunon			•	DOIL DOININ	O LOO .	Date		23/09
ROUTE	FAP 998	DESCRIPT	ION			Trilevel Interchang	je .	LOGGED BY	М	CD
SECTION	82-1	L	OCATIO	N _	East St	. Louis, IL, SEC. 7, TW	/P. 2N, RNG. 9W			-
COUNTY	St. Clair D	RILLING METHO	D			HSA with MR	HAMMER TYPE	CME 5	5 / 8	80%
	NA B-420 71+37.82	D E P T H	B L O W S	U C S Qu	M 0 1 S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter	Unknown ft	P O T W	U C S	M 0 1 S T
	31.02ft Left ace Elev. 416.03		(/6")	(tsf)	(%)	Upon Completion After Hrs.	** ft	(ft) (/6'	') (tsf)	(%)
	loose, gravish black.		3 3 4			Dense, grayish black, GRAINED SAND (contin Dense, grayish black, GRAINED SAND Dense, grayish black, GRAINED SAND, trace	FINE used) 35 MEDIUM 35	14.03		
Stiff, gray, Si	ANDY CLAY	364.03	9 6		-					
Dense, grayisi GRAINED SAND		359.03	3			See attached grain s	ize			
		-60	16 19			distribution		22 25	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 T206)

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

BBS, from 137 (Rev. 8-99)

AECOM

REVISED DESIGNED - ATB DRAWN MK REVISED PLOT SCALE = 0:2 ':" / in. CHECKED REVISED 03/18/2011 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

BORING LOGS - V - S.N. 082-0325 I-70W OVER I-55, CSX & KCS RAILROADS SCALE: NONE SHEET NO. S-135 OF S-138 SHEETS STA.

COUNTY SHEETS NO.
ST. CLAIR 319 250 70 SECTION 82-1-B-1 S.N. 082-0323 & S.N. 082-0325 | CONTRACT NO. 76C75 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT