## BORING LOG: B-15 (1 of 4)

## BORING LOG: B-15 (2 of 4)

## BORING LOG: B-15 (3 of 4)

(	TE	Illinois Departm of Transportation  Division of Highways Geotechnology, Inc.	ent n			(	SOIL BORING LOG	Page	3	of <u>4</u>
		Division of Highways Geotechnology, Inc						Date	12/	4/00
	ROUTE	<u>FAP 998</u> D	SCRIPTI	ION			Trilevel Interchange LO	GGED BY	BEC	/JCB
	SECTION _	82-1		OCATIO	Ν _	East St	Louis, IL, SEC. 7, TWP. 2N, RNG. 9W			
	COUNTY	St. Clair DRILLING	метно	D			HSA with MR HAMMER TYPE	Automat	ic Hamı	mer
	Station BORING NO. Station	082-0324 NA B- 17 63+72,12 75,18ff Right	D E P T H	B L O ♥ S	U C S Qu	M 0 	Surface Water Elev.         Unknown ft           Stream Bed Elev.         Unknown ft           Groundwater Elev.:         ** ft           First Encounter         ** ft           Upon Completion         ** ft	D B E L P O T W H S	U C N Qu	M 0 - S
_	Ground Surf	ace Elev. <u>415.60</u> ft	(ff)	(/6")	(tsf)	(%)	After ** Hrs. ** ft	(ft) (/6")	(tsf)	(%)
	Medium dense COARSE GRAIN fine to coarse	e, gray to dark gray, IED SAND with e gravel					Dense, brown to gray, fine to medium GRAVEL			
								-		
				.7 5			311.10	17	-	<u> </u>
			-85	9			Dense, tan, FINE to MEDIUM GRAINED SAND	<sub>-105</sub> 17		
							307.60			
			-				Very dense, gray, COARSE GRAINED SAND with trace fine to	_	ľ	
			_				coarse GRAVEL			
			90					49	+	
								>50		· .
1										
ł			$\dashv$				302.60	. +		
				8			302.10 CRYSTALLINE LIMESTONE -			
				7			See Rock Core Log			
			-95	11				-115		
			-					4		
								7		
			_					_		
			-100					-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	)

Illinois Departm of Transportation Division of Highways Geotechnology, Inc	ent n		. (	SOIL BORING	LOG	Page <u>4</u> of <u>4</u>
Division of Highways Geotechnology, Inc						Date <u>12/4/00</u>
ROUTE FAP 998 DE	SCRIPTION			Trilevel Interchange	<u> </u>	LOGGED BY BEC/JCB
SECTION 82-1	LOCATIO	N _	East St	. Louis, IL, SEC. 7, TWP.	2N, RNG. 9W	· · · · · · · · · · · · · · · · · · ·
COUNTY St. Clair DRILLING	METHOD			HSA with MR	HAMMER TYPE	Automatic Hammer
STRUCT. NO. <u>082-0324</u> Station NA	D B E L P O	U C S	M 0 1	Surface Water Elev	Unknown ft Unknown ft	
BORING NO.   B- 17   Station   63+72.12   Offset   75.18ff Right   Ground Surface Elev.   415.60   ft	T W S (ft) (/6")	Qu (tsf)	S T (%)	Groundwater Elev.; First Encounter Upon Completion After ** Hrs.	** ff ** ff ** ff	
CRYSTALLINE LIMESTONE - See Rock Core Log (continued)						
292.6	$\exists$					
End of Boring						
	<u>~125</u>					
	-130					
	-140					

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

BBS, from 137 (Rev. 8-99)

(P)	Illinois Depe of Transpor	artment rtation			SOIL BORII	NG LOG		Page	<u>1</u> c	of <u>4</u>
ROUTE	Ovision of Highways Geotechnology, Inc		ION		Trilevel Intercha	000	Loci	Date	2/2 LA	3/09
SECTION	:	DESCRIFT			t. Louis, IL, SEC. 12,			320, 01		311
COUNTY	St. Clair [	RILLING METHO	D		HSA with MR	HAMMER TY	PE	CME 75	/ 80	0%
Station BORING NO. Station Offset	082-0322/ 082-0 NA B-407 61+78.54 29.88ft Left ace Elev. 427.7	P T H	B L C C S W S Q (/6") (ts	0 5 1 5 7	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion AfterHrs.	Unknown **	ft ft	D B E L P O T W H S (ff) (/6")	U C S Qu (tsf)	M 0   S T
Brownish gray (FILL), with a and sand	y, SILTY CLAY inders, trace gravel		6	15	Loose, brown, FINE SAND (continued)	GRAINED	406.26	7 3		30
			12		Medium dense, brov GRAINED SAND	wn, FINE	404.76	4 9		
			10				_	10 6		
			4 5 7	19			_	7 8 4		
			7	19	Loose to medium d FINE GRAINED SAND See attached grain	, with silt	399.76	4		
			10		distribution		-			
Medium stiff, Stiff, grayish	brown, SILTY LOAM brown, CLAY	415.76	2 2 3	24				=		
		-	4 3 2	.1 24			· -	6 7		
Soft, brown,	SILTY CLAY LOAM	412.76 -15	6 E	3			_	9 		manna de mande de
			3 2	24	-			4		

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)

COUNTY TOTAL SHEET NO.
ST. CLAIR 399 326

CONTRACT NO. 76C76

**AECOM** 

USER NAME =	DESIGNED		PJL	REVISED -	_
	DRAWN	-	BRD	REVISED -	
PLOT SCALE = Ø:2 ':" / IN.	CHECKED	-	DDB	REVISED -	
PLOT DATE: = 6/27/2011	DATE	-	07-01-11	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

BORING LOGS X	F.A.I. SECTION
I-70E OVER I-55, CSX & KCS RAILROADS	70 82-1-B-2
1-70L UVLN 1-33, COA & RCS NAILNOADS	S.N. 082-0322 & S.N. 082-0324
SCALE: SHEET S-199 OF S-234 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. A