BORING LOG: B-405 (2 of 3)

BORING LOG: B-405 (3 of 3)

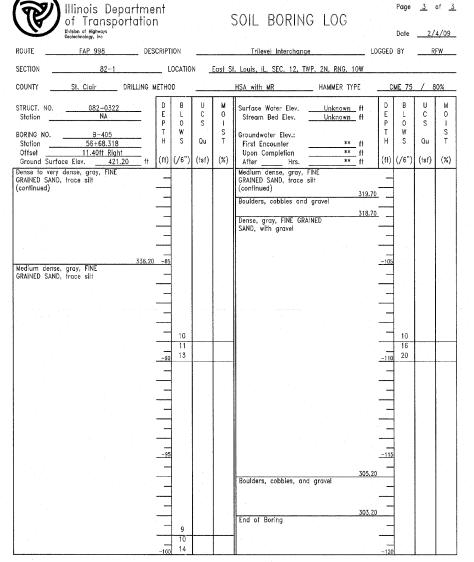
BORING LOG: B-406 (1 of 4)

Illinois Department of Transportation	Illinois Departn	nent		COIL DODING LOG	Page	2 01 3
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 12, TWP. 2N. RNG, 10W	of Iransportati	ion		SOIL BORING LOG	Date	2/4/09
STRUCT. NO. 082-0322 STRUCT. NO. 082-0				Trilevel Interchange	LOGGED BY	RFW
STRUCT. NO. 082-0322 Stortion NA	SECTION 82-1	LOCATIO	N <u>East</u>	St. Louis, IL, SEC. 12, TWP. 2N, RNG, 10W		
Station	COUNTY St. Clair DRILLIN	G METHOD		HSA with MR HAMMER TYPE	CME 75	/ 80%
Medium dense, groyish brown, FINE GRAINED SAND, trace slift (continued)	Station NA BORING NO. B-405 Station 56+68.318 Offset 11.40ft Right	E L P O T W H S	C O I S I S Qu T	Stream Bed Elev.	E L P O T W H S	C 0 S ! S S Qu T
	Medium dense, grayish brown, FINE GRAINED SAND, trace silt			Medium dense, grayish brown, FINE GRAINED SAND, trace silt (continued) Dense to very dense, gray, FINE		
- 10 - 33 - 70 27		15		See allached grain size distribution	38	
10 33 33 -70 27						
- 8		10			33	
6 12						
6 12						
		6			12	

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)

Illinois Department of Transportation

Bivision of Highways
Geotechnology, Inc

SOIL BORING LOG

Page $\underline{1}$ of $\underline{4}$

Date <u>2/19/09</u>

	Geotechnology, Inc							Duito		57.00
ROUTE	FAP 998	DESCRIP	TION			Trilevel Interchange	LOGGED	BY		AH
SECTION	82-	1	LOCATIO	Ν	East St	. Louis, IL, SEC. 12, TWP. 2N, RNG. 10W				
COUNTY	St. Clair	DRILLING METH	OD			HSA with MR HAMMER TYPE	<u>C</u>	ME 75	/ 8	0%
STRUCT. Station	NO. <u>082-0322/08</u>	D E P		U C S	M 0 1	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft		B L O	U C S	M
BORING Station	60+42.3	8 H	W S	Qu	S T	Groundwater Elev.: First Encounter ** ft	T H	W S	Qu	S T
Offset Ground	29,61ft L Surface Elev. 4	eft 27.38 ft (ft	(/6")	(tsf)	(%)	Upon Completion ** ft After Hrs. ** ft	(ft)	(/6")	(tsf)	(%)
Black, S gravel	AND (FILL), with clay o	and	1			Soft to medium stiff, brown, SILTY LOAM (continued)				
			4 -					2		25
			3					6		
			3			Loose to medium dense, brown, SANDY LOAM	4.38	8		·
			4			See attached grain size		5		
		·	5 3				-25	4		
		-	6					- 6		
		-	6 3					5		
			<u> </u>				-	J		
		<u>-</u>	2					8		
			1 3		26		-30	7 10		
			Ĭ							
			2							
			- 3 - 4							
Stiff, br	own and gray, CLAY	414.38	-							
	· · · · · ·	_	1 2	1.6	27		-	8		
		412.38 -1		В			-35	9		
LOAM	medium stiff, brown,	ZILI I	1							
			2		32	XC	0.38			
			2			Very stiff, gray, SILTY LOAM				
			-							

See attached grain size

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 =	DESIGNED	-	PJL .	REVISED -	
	DRAWN	-	BRD	REVISED -	
PLOT SCALE = 0:2 ':" / IN.	CHECKED	-	DDB	REVISED -	
PLOT DATE = 8/27/2011	DATE	-	07-01-11	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	BORING LOGS XXI					
	I-70E OVER I-55, CSX & KCS RAILROADS	70	82			
	I-/UE UVEN I-33, COA & NGO NAILNUADO	S.N. (082-0322 &			
CALE:	SHEET S-210 OF S-234 SHEETS STA. TO STA.	EEO DO	ON THE DAG			

COUNTY TOTAL SHEET NO.
ST. CLAIR 399 337 SECTION 32-1-B-2 S.N. 082-0324 CONTRACT NO. 76C76 ILLINOIS FED. AID PROJECT