	~\									D	7	-£ 7
Illinois Department of Transportation				SOIL BORING LOG								
		Division of Highways Geotechnology, Inc					-			Date	4/1	13/09
	ROUTE FAP 998 DESCRIPTION			Trilevel Interchange				LOGGED BY LAH				
	SECTION	82-1	LC	CATIO	N _	East St	t. Louis, IL, SEC. 7, TWP.	2N, RNG. 9W				****
	COUNTY	St. Clair DRILI	ING METHO)			HSA with MR	HAMMER TYPE	CM	E 750)		73%
	STRUCT. NO. Station	082-0323 / 082-032 NA	5 D E	B L	U U	M	Surface Water Elev Stream Bed Elev.	ft	DE	B L:	UC	M O
	BORING NO.	B-417	P	0 W	S	I S	Groundwater Elev.:	······································	P	0 W	S	I S
	Station	79+9.07	_ H	s	Qu	T	First Encounter _	** ft	н	S	Qu	Т
		33.28ft Left ace Elev. 421.00	_ ft (ft)	(/6")	(tsf)	(%)	Upon Completion _ After Hrs	** ft	(ft)	(/6")	(tsf)	(%)
	Medium dense MEDIUM GRAINI	to dense, gray, ED SAND, trace ued)					Medium dense to dense MEDIUM GRAINED SAND,	, gray, trace				
	gravei (confini	1ed)					gravel (confinued)		-			
			_									
			_									
			-85						105			
			_									
									· <u>-</u>			
	-		_									
			-	21 16						17 18		
			-90	18					-110	21		
							-					
			-						_			
			_				-		_	}		
			95						-115			
										1		
	-			15						50/2"		
				18		-	End of Boring	30	2.00	30/2		
			-100	18	<u> </u>				-120	<u> </u>		

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
BBS,
Not measured due to drilling methods used

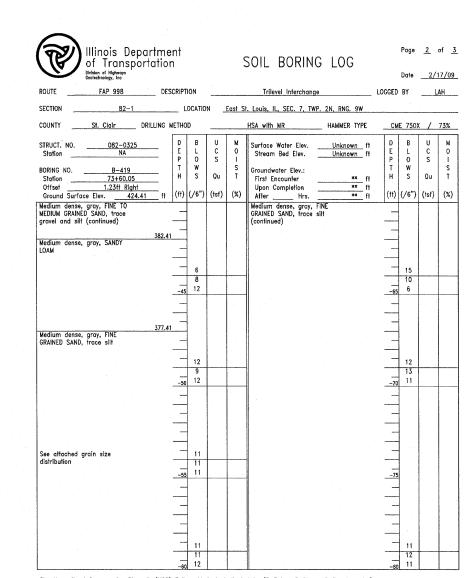
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation Page <u>1</u> of <u>3</u> SOIL BORING LOG Date <u>2/17/09</u> LOGGED BY ___LAH__ FAP 998 ___ DESCRIPTION Trilevel Interchange 82-1 LOCATION <u>East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W</u> COUNTY St. Clair DRILLING METHOD HAMMER TYPE CME 750X / 73% STRUCT, NO. 082-0325 NA Surface Water Elev. Unknown ft B-419 73+60.05 1.23ft Right Groundwater Elev.: First Encounter BORING NO. Uttset 1.23ft Right
Ground Surface Elev. 424.41
Black, SAND (FILL), trace
cinders, brick fragments,and
gravel Upon Completion After ____ Hrs. (ft) (/6") (tsf) (%) (ff) (/6") (fsf) (%) After Hrs. **
Stiff to soft, SILT, with trace sand (continued) _____ 2 _-25 2 Medium stiff, brown, LOAM 16 Medium stiff, gray, CLAY -30 Stiff, black, CLAY Medium dense, gray, FINE TO
MEDIUM GRAINED SAND, trace
gravel and silt
See attached grain size
distribution Stiff, brown, SILTY LOAM _____14 __35 11 Stiff to soft, SILT, with trace sand

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 1206)

** Rimoc 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 319 249 DESIGNED - ATB REVISED **BORING LOGS - IV - S.N. 082-0325** SECTION STATE OF ILLINOIS REVISED DRAWN 82-1-B-1 I-70W OVER I-55, CSX & KCS RAILROADS REVISED PLOT SCALE = 0:2 ':" / in. CHECKED **DEPARTMENT OF TRANSPORTATION** S.N. 082-0323 & S.N. 082-0325 | CONTRACT NO. 76C75 DATE 03/18/2011 REVISED SCALE: NONE SHEET NO. S-134 OF S-138 SHEETS STA. FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

AECOM