BORING LOG: B-17 (1 of 4)

Page <u>1</u> of <u>4</u> Illinois Department SOIL BORING LOG of Transportation Date <u>12/4/00</u> FAP 998 DESCRIPTION LOGGED BY BEC/JCB 82-1 LOCATION <u>East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W</u> St. Clair DRILLING METHOD Automatic Hammer Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ff BORING NO. Groundwater Elev. Qu First Encounter Offset 75.18ft Right Ground Surface Elev. 415.60 Upon Completion After ** Hrs. ft) (/6") (tsf) (%) Stiff, brown, SILTY CLAY sandy in Medium stiff, brown, SILTY LOAM Stiff, light brown, SILTY LOAM Medium dense, brown, FINE GRAINED SAND with silt Stiff, brown, SILTY LOAM See Attached Gradation Test Results Loose, brown, SANDY LOAM Medium dense, gray to dark gray, FINE to MEDIUM GRAINED SAND Soft to medium stiff, brown to gray, SILT with Fe staining Wet @ 14' Start Mud Rotary Drilling @ 20'

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (8-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)

BORING LOG: B-17 (2 of 4)

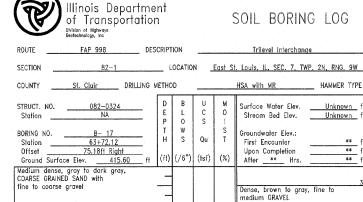
(शि	Illinois Depart of Transporto	ment		SOIL BORING LOG	Page	2 of 4
16	Division of Highways Geotechnology, Inc	ПОП	•	SOIL DOMING LOG	Date	12/4/00
ROUTE		DESCRIPTION		Trilevel Interchange	LOGGED BY	BEC/JCB
SECTION	82-1	LOCATION	East S	t. Louis, IL. SEC. 7, TWP. 2N, RNG. 9W	<i></i>	
COUNTY	St. Clair DRILL	ING METHOD		HSA with MR HAMMER TYP	PE <u>Automatic</u>	Hammer
STRUCT. Station BORING N Station Offset Ground	NA NA	D B E L P O T W H S - ft (ft) (/6")	U M C O S I S Qu T			U M C O S I S Qu T (tsf) (%)
Medium o	dense, gray to dark gray, MEDIUM GRAINED			Medium dense, gray to dark gray, FINE to MEDIUM GRAINED SAND (continued)	<u> </u>	
		_ 2			9	
		5 45 9			11 6515	
				Very dense @ 67' to 70 '	348.60	
		13 13 -50 13			16 27 -70 43	
		8 10 15			13 13 -75 17	
See Attac Results	ched Gradation Test	7 8				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (8-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO 1206).

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BBS, from 137 (Rev. 8-99)

BORING LOG: B-17 (3 of 4)



Very dense, gray, COARSE GRAINED SAND with trace fine to CRYSTALLINE LIMESTONE

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).

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BBS, from 137 (Rev. 8-99)

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Date <u>12/4/00</u>

LOGGED BY BEC/JCB

Automatic Hammer

) (/6") (tsf) (%)

AECOM

USER NAME =	DESIGNED	-	PJL	REVISED	-
	DRAWN	-	BRD	REVISED	
PLOT SCALE = 0:2 '+" / IN.	CHECKED	-	DDB	REVISED	_
PLOT DATE = 6/27/2011	DATE		07-01-11	REVISED	_

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	BORING LOGS XVI						
	I-70E OVER I-55, CSX & KCS RAILROADS	70					
I-/UE UVEN I-33, COA & NCO NAILNUADO							
SCALE:	SHEET S-205 OF S-234 SHEETS STA. TO STA.	FED. RO	AD DIST.				

COUNTY TOTAL SHEE SHEETS NO. SECTION ST. CLAIR 399 332 322 & S.N. 082-0324 | CONTRACT NO. 76C76 T NO THE INDISERS. AID PROJECT