BORING LOG: B-11 (1 of 4)

Illinois Department SOIL BORING LOG of Transportation Date <u>11/28/00</u> FAP 998 DESCRIPTION LOGGED BY BEC 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 Unknown ft Stream Bed Elev. Station Groundwater Elev. First Encounter Offset 24.03ft Left Ground Surface Elev. 416.90 SANDY LOAM with roots to 1 1/2* Upon Completion After ** Hrs. (ft) (/6") (tsf) (%) Medium stiff, gray, SILTY LOAM Loose, brown, SANDY LOAM Medium stiff to stiff, brown, SILTY Medium stiff, brown, SILTY LOAM Fe staining @ 26' — 28' Medium stiff, brown, SILTY LOAM Soft, brown with gray, mottles, SILTY CLAY with Fe staining Soft, brown/gray, mottled, SILT with Fe staining Medium dense, brown, SANDY LOAM with laminations of black organic material Soft, brown with gray mottles SILTY CLAY with Fe staining 404.90 Soft, brown/gray, mottled, SILT 403.90 with Fe staining Medium stiff, brown/gray, SILTY CLAY GRAINED 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

Start Mud Rotary Drilling @ 20'

BBS, from 137 (Rev. 8-99)

BORING LOG: B-11 (2 of 4)

Illinois Department		SOIL BORING LOG	Page	<u>2</u> of <u>4</u>		
Illinois Department of Transportation		SOIL BORING LOG	Date	11/28/00		
ROUTE FAP 998 DESCRIPTION		Trilevel Interchange	LOGGED BY	BEC		
SECTION 82-1 LOCATIO	N <u>East S</u>	St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W				
COUNTY St. Clair DRILLING METHOD		HSA with MR HAMMER TYPE	Automatic Hammer			
STRUCT. NO.	U M C O O S I I S S I I S S I I S S I I S S I S	Surface Water Elev. Unknown ft Stream Bed Elev. Unknown ft Groundwater Elev.: First Encounter ** ft Upon Completion ** ft Upon Completion ** ft Medium dense to dense, gray, FINE GRAINED SAND Laminations of black organic material © 42' to 47' and medium grained SAND © 42' to 47' (continued) See Attached Gradation Test Results	D B E L P O T W H S (fi) (/6")	U M C O O S I S S Qu T (tsf) (%)		
			4 5 7			
- 8 - 12 - 35 16			12 13 -75 15			
9	1			.		

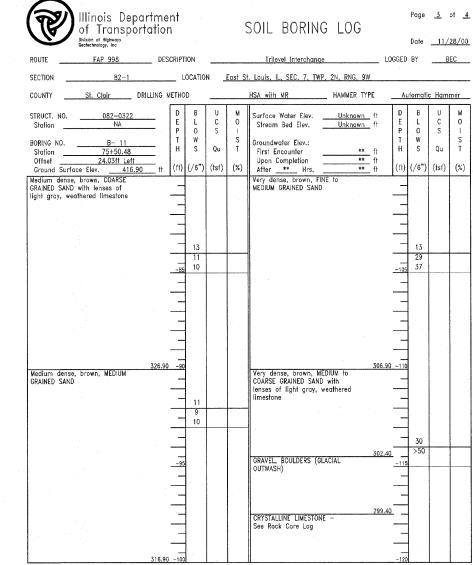
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO 1206).

* Rimac not measured due to sample disturbance

** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

BORING LOG: B-11 (3 of 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)

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**

Γ	BORING LOGS VII				SECTION	COUNTY	TOTAL	SHEET NO.
				70	82-1-B-2	ST. CLAIR	399	323
I-70E OVER I-55, CSX & KCS RAILROADS					082-0322 & S.N. 082-0324	CONTRACT NO. 76C76		
1	SCALE: SHEET S-196 OF S-234 SHEET	STA.	TO STA.	FED. RO	DAD DIST. NO. ILLINOIS FED. A	D PROJECT		