BORING LOG: B-409 (1 of 3)

BORING LOG: B-409 (2 of 3)

SOIL BORING LOG

Surface Water Elev. <u>Unknown</u> ft

Trilevel Interchange

LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

HSA with MR

Stream Bed Elev.

Groundwater Elev.

First Encounter

continued)

Upon Completion After _____ Hrs.

Medium dense to dense, gray, FINE GRAINED SAND, trace silt

See attached grain size

Illinois Department

St. Clair DRILLING METHOD

DESCRIPTION

of Transportation

FAP 998

38.29ft Left

Ground Surface Elev. 413.65

Medium dense to dense, gray, FINE GRAINED SAND, trace silt

BORING NO.

Offset

BORING LOG: B-409 (3 of 3)

(7	of Transport	rimeni ation	ć	SOIL BORING LOG		·		vi <u>v</u>
	of Transport Division of Highways Geotachnology, Inc					Date	2/1	19/09
ROUI	E FAP 998	DESCRIPTION		Trilevel Interchange	LOGGE	D BY	D	OTC
SECT	ION 82-1	LOCATION	East St.	Louis, IL, SEC. 7, TWP. 2N, RNG. 9	W			
COUN	NTY <u>St. Clair</u> DR	ILLING METHOD		HSA with MR HAMMER TO	rpe <u>c</u>	ME 750>	<u>(</u>	73%
Sta BORI	CT. NO. 082-0322 Hion NA NG NO. B-409 Hion 57+88.06	D B L C S T W H S Q	0 1 5	Surface Water Elev. Unknown Stream Bed Elev. Unknown Groundwater Elev.: First Encounter **		o ≰or ⊞	on g	M 0 - S T
Off	set 38.29ft Left und Surface Elev. 413.65		if) (%)	Upon Completion **	- ft) (/6")	(tsf)	(%)
Brow (FILL	n and gray, SANDY CLAY		16	After Hrs. ** Soft to medium stiff, gray, SILTY CLAY (FILL), with trace sand (continued) Concrete rubble (FILL)	392.65	50/0"		
		2 3 1. 5 4 \$	1 1	Medium dense, tan, FINE GRAINED SAND	390.65	6 8 8		
		2 3 3				8 8 7		
Soft	to medium stiff, gray, SILTY (FILL), with trace sand	405.65 - 2 - 2 0.	.7 17 3			6 8		
		3 2 2 2	17	Medium dense, gray, FINE	381,65	-		
		2 2 2	16	GRAINED SAND See attached grain size distribution		7 9 35 12		
			5 16			- - - - -		
		3 3 3 3 3	16		-	10		

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).

The SPT (N value) is the sum of the last two blow value

* 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 (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)

Illinois Department of Transportation

Page <u>2</u> of <u>3</u>

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

CME 750X / 73%

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

LOGGED BY

-65

HAMMER TYPE

<u>Unknown</u> ff

SOIL BORING LOG

Page 3 of 3

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

____ DESCRIPTION FAP 998 Trilevel Interchange LOGGED BY LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W St. Clair DRILLING METHOD HSA with MR HAMMER TYPE CME 750X / 73% Surface Water Elev. Stream Bed Elev. <u>Unknown</u> f BORING NO. B-409 Qu Station Offset 57+88.06 38.29ft Left Ground Surface Elev. 413.65 (ft) (/6") (tsf) (%)

End of Boring

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

Medium dense to very dense, grayish brown, COARSE GRAINED SAND

BBS, from 137 (Rev. 8-99)

AECOM

USER NAME =	DESIGNED -	PJL	REVISED -	
	DRAWN -	BRD	REVISED -	
PLOT SCALE = Ø:2 ':" / IN.	CHECKED -	DDB	REVISED -	١.
PLOT DATE = 6/27/2011	DATE -	07-01-11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

600466091/sn082-0322 & 0324 flyover/900_cad/90l_c