BORING LOG: B-427 (Page 3 of 3)

Illinois Department of Transportation
Division of Highways
Geotechnology, Inc.

SOIL BORING LOG

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Date 6/9/11

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BJS

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 18, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD HSA with MR below 15 ft HAMMER TYPE CME 75 / 85%

STRUCT. NO. 082-0322
Station NA

BORING NO. B-427
Station 67+70
Offset 6ft Right
Ground Surface Elev. 384.4 ft

Surface Water Elev. Unknown ft
Stream Bed Elev. Unknown ft

Groundwater Elev.:
First Encounter ** ft
Upon Completion ** ft
After Hrs. ** ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium dense to very dense, gray, FINE TO MEDIUM GRAINED SAND *(continued)*					
	299.4	-85			
CRYSTALLINE LIMESTONE - See Rock Core Log					
		-90			
		-95			
		-100			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CRYSTALLINE LIMESTONE - See Rock Core Log *(continued)*					
		-105			
		-110			
	269.4	-115			
End of Boring					
		-120			

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 attempted, not measured due to sample disturbance
** Not measured due to drilling methods used

BBS, from 137 (Rev. 6-99)

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AECOM	USER NAME =	DESIGNED - PJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS XLIV I-70E OVER I-55, CSX & KCS RAILROADS
		DRAWN - BRD	REVISED -		
	PLOT SCALE = 0:2 ':' / IN.	CHECKED - DDB	REVISED -		
	PLOT DATE = 6/27/2011	DATE - 07-01-11	REVISED -		SCALE: SHEET S-233 OF S-234 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-2	ST. CLAIR	399	360
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		