


BORING LOG: B-427 (Page 1 of 3)


Illinois Department of Transportation
 Division of Highways Geotechnology, Inc.

SOIL BORING LOG


Page 1 of 3
 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.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTH (ft)	BLOW COUNT (/8")	UNIFORMITY COEFFICIENT (tsf)	PERCENT (%)	SOIL DESCRIPTION				SURFACE WATER ELEV.	STREAM BED ELEV.	GROUNDWATER ELEV.	FIRST ENCOUNTER	UPON COMPLETION	AFTER	DEPTH (ft)	BLOW COUNT (/8")	UNIFORMITY COEFFICIENT (tsf)	PERCENT (%)
082-0322	NA	B-427	57+70	6 ft Right	384.4					Loose, brown, MEDIUM GRAINED SAND	Medium dense, grayish brown, FINE GRAINED SAND (continued)		Unknown	Unknown									
						2																	
						3																	
						4																	
						5																	
						6																	
						7																	
						8																	
						9																	
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						26																	

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

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082-0322	NA	B-427	57+70	6 ft Right	384.4					Medium dense to very dense, gray, FINE TO MEDIUM GRAINED SAND (continued)	Medium dense, gray, FINE TO MEDIUM GRAINED SAND (continued)		Unknown	Unknown									
						14																	
						11																	
						12																	
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USER NAME =	DESIGNED - PJL	REVISED -
PLOT SCALE = 1/2" = 1' / IN.	DRAWN - BRD	REVISED -
PLOT DATE = 6/27/2011	CHECKED - DDB	REVISED -
	DATE - 07-01-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS XLIII
I-70E OVER I-55, CSX & KCS RAILROADS

SCALE: SHEET S-232 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	359
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		