(2021)	Illinois Depar	rtment
(B)	of Transport	ation

SOIL BORING LOG

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Division of Highwa Geotechnology, in	ısportatı "	On		30	Date 2/16/09
ROUTE FAP 998	DES	CRIPTIO	N		Trilevel Interchange LOGGED BY BJS
SECTION 82	-1	LOCA	TION .	East 8	St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W
COUNTY St. Clair	DRILLING	METHOL			HSA HAMMER TYPE CME 55 / 80%
STRUCT. NO. NA Station NA BORING NO. SB-40 Station Offset Ground Surface Elev OFF	2	D B L P O W H S ft) (/6")	C S Qu (tsf)	M O I S T (%)	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft Groundwater Elev.: First Encounter Not Measured ft Upon CompletforNot Measured ft After Hrs. Not Measured ft
Brown, MEDIUM GRAINED SAND (FILL), with brick frag	ments	2 0 5			
Medium stiff, gray, SILTY CL OAM	416.4 AY —	2 2 -5 4 - 2 2		23	
.oose, brown, SANDY LOAN		2 2 10 5			
nd of Boring	apriliate.				
		15			

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)
BBS, from 137 (Rev. 8-99)

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

Illinois Department of Transportation

SOIL BORING LOG

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No. of Concession, Name of Street, or other Designation, Name of Street, or other Designation, Name of Street,	Geotechnology, Inc						Date <u>2/9/09</u>
ROUTE	FAP 998	DESCRIPTION				Trilevel Interchange LO	3GED BY RFW
SECTION _	82-1		LOCA	TION_	East S	t. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W	
	St, Clair Di	RILLING	метног			HSA DRILL RIG/ HAMMER EFFICIENCY	CME 75 / 80%
BORING NO Station Offset	SB-403 69+00 12ff right		D B L P O T W H S	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft Groundwater Elev.: First Encounter Not Measured ft Upon CompletionNot Measured ft	
	rface Elev. 417.7		14 10 1	(191)	(70)	After Hrs. Not Measured ft	
(FILL)	inches stone GRAVEL base y, CLAY , with rubble	416.2	4 5 5				
			1 2 2		27		
Medium stiff, LOAM	brown, SANDY	412.2	3 4 3		27		
End of Boring		407.7	2 4 10 4		16		
			15				

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)
BBS, from 137 (Rev. 8-99)

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FILEL® DRAWN - TJW REVISED - STATE OF ILLINOIS PLOT SCALE = SSCALES CHECKED - CMW REVISED - DEPARTMENT OF TRANSPORTATION STATE OF ILLINOIS BORING LOGS RETAINING WALL 082-W302 TO 82-1-B-1 ST. CLAIR 319 CONTRACT NO.								
STREL® DRAWN - TJW REVISED - STATE OF ILLINOIS PLOT SCALE = SSCALE® CHECKED - CMW REVISED - DEPARTMENT OF TRANSPORTATION STATE OF ILLINOIS BORING LOGS TO 82-1-B-1 ST. CLAIR 351-	FILE NAME =	USER NAME = #USER#	DESIGNED - CMW	REVISED CMW 02-28-11		7773781810 187471 000 187000	F.A.I. SECTION	COUNTY TOTAL SHEET
PLOT SLALES CHECKED - CAN REVISED - DEPARTMENT OF TRANSPORTATION CONTRACT NO.	#FILEL#	-	DRAWN - TJW	REVISED -	STATE OF ILLINOIS		NIE .	SHEETS NO.
		PLOT SCALE = #SCALE#	CHECKED - CMW	REVISED -	DEPARTMENT OF TRANSPORTATION	BUNING LUGS	10 1 02-1-6-1	
JUNIOS FEED AND PROJECT		PLOT DATE = #DATE#	DATE - 12-20-2010	REVISED -		SCALE: N.T.S. SHEET NO. 12 OF 13 SHEETS STA. 65+50.00 TO STA. 70+90.00	ILLINOI	IS FED. AID PROJECT