A STATE OF THE PARTY OF THE PAR	\		
(20)	// Illinois	s Departmen	ť
16	of Tra	Hoportation	

SOIL BORING LOG

Page 1 of 2

	Division of Highways Geotechnology, Inc	/I LCILI	OII.		~ ·		_		Data	414	440
Name of Street, or other Persons	Geotschnology, Inc								Date	4/1	4/10
ROUTE	FAP 998	_ DES	CRIPTIO	N		Trilevel interchange	LC	oggi	ED BY	<u> </u>	FW
SECTION	82-1		LOCA	TION	East 5	St. Louis, IL, SEC. 18, TWP. 2N, RNG	.9W				
COUNTY	SI. Clair DF	RILLING	METHO	D	HSA	with MR below 40 ft HAMMER	TYPE	CN	∕IE 750	0X / 7	73%
Station	082-W308 NA RW-414	_	D B L P O T W	U C S	M O I S	Surface Water Elev. <u>Unknown</u> Stream Bed Elev. <u>Unknown</u> Groundwater Elev.:	.ft ft	D E P T	B∟o≽	ប	M O I S
Station Offset	70+70 30ft Left ace Elev. 418.6	_	H S (ft) (/6")	Qu (tsf)	(%)	First Encounter 380.6	EL	H (ft)	S (/6")	Qu (tsf)	T (%)
Black, CINDER	RS, with sand, ck fragments (FILL)					Soft to medium sliff, brown to gray, SILT (continued)			2		
		· .	4 2 4			stiff			2 3	1.3 S	40
			3				•		3		
			-5 6		11		•	-25	3 4	8.0 S	28
Sliff, brown, Sli	LTY CLAY	412.3	2 3 3	1.7	22	Medium dense, brown, FINE GRAINED SAND Grain Size Distribution Conducted	392,3		4 7 8		6
Soft to medium gray, SILT	sliff, brown to	410.6	2 2		29	Grain Size Distribution Conducted	_		5 6		10
			-10 2 					-30	7		
			3 3		23	Medium stiff, gray, SILT	386,6				
			3 4		17				2 2	0.8	31
			- ₁₅ 3					<u>-35</u>	2	В	
		· · ·	2 2 2 2	0.5 S	31		- -				
			┧ 。			Medium dense, brown, FINE	380.6	7			

The Unconfined Compressive Strength (UCS) Fallure Mode is Indicated by (B-Buige, 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

FILE NAME =

#FILEL#

USER NAME # \$USER\$	DESIGNED -	CMW	REVISED CMW 02-28-11	T
	DRAWN -	TJW	REVISED -	7
PLOT SCALE = #SCALE#	CHECKED -	CMW	REVISED -	7
A. A	SATE	10 00 0010	DELLOCA	7

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

RETAINING WALL 082–W302	F.A.I. RTE.	s
BORING LOGS	70	
ET NO. O. OT 17 CHEFTE LETT SELECTE TO CO. TO CT. TO CO. O.		

Illinois Depart of Transportat Bivision of Highways Geotschnology, Inc	ment tion		S	OIL BORING LOG	Page <u>2</u> of <u>2</u>
ROUTE FAP 998 DE	SCRIPTION	ON		Trilevel Interchange LOG	GED BY RFW
SECTION 82-1	Loca	ATION .	East 9	St. Louis, IL, SEC. 18, TWP. 2N, RNG, 9W	
COUNTY St Clair DRILLIN	G METHO	D	HSA	with MR below 40 ft HAMMER TYPE	CME 750X / 73%
STRUCT. NO. 082-W306 Station NA BORING NO. RW-414	D B L P O T W		M O I S	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft Groundwater Elev.:	
Offset 30ft Left Ground Surface Elev. 418.6 ft	H S (/6"	Qu) (tsf)		First Encounter 380,6 ft Upon Completion ft After * Hrs. ft	
Medium dense, brown, FINE GRAINED SAND (continued)					
	=				
	10				
Grain Size Distribution Conducted	14 -45 15				
Madium dense, brown, FINE TO MEDIUM GRAINED SAND, trace gravel					
368.6	7 8 -50 8				
End of Boring					
	1				
	-55				
	-55				
	-60				

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

SCALE: N.T.S. SHEET NO. 9 OF 13 SHEETS STA. 65+50.00 TO STA. 70+90.