2-Ø323_76C75_Borıng-3.dgn
9-082
\\$12
Sheet
M82-0323
Structural,
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Consc

ROUTE   FAP 998   DESCRIPTION   Trillevel Interchange   LOGED BY   LAH	Illinois Departm of Transportati	nent on		SOIL	BORIN	G LOG	Page Date	4 of 4 8/17/09
STRUCT. NO.   082-0323   D   B   C   D   S   C   STruct. No.   082-0323   D   E   C   C   D   S   C   C   D   C   C   D   C   C   C   D   C   C				Tr	ilevel Interchan	ge	LOGGED BY	LAH
STRUCT. NO.   082-0323   Station   NA	SECTION 82-1	LOCATI	ON <u>E</u>	ıst St. Louis,	IL, SEC. 7, T	VP. 2N, RNG. 9W		
Station   NA	COUNTY St. Clair DRILLING	G METHOD		HSA ar	nd MR	HAMMER TYPE	CME 85	/ 73%
BORING No.   B-418   T   W   S   Qu   T5+31.28   Offset   18.73ft Left   Ground Surface Elev.   414.42   ft   (ft)   (f		E L	C	0 Street				. '
SAND, trace gravel (continued)	Station         75+31.28           Offset         18.73ft         Left	T W	Qu	S Ground T First Upon	Encounter Completion	** ft		
End of Boring	Very dense, gray, FINE GRAINED SAND, trace gravel (continued)							
End of Boring								
End of Boring								
	End of Boring	.42 -125						
				-				

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 not measured due to sample disturbance
BBS,
to measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

Page <u>1</u> of <u>4</u> Illinois Department SOIL BORING LOG of Transportation Date <u>8/13/09</u> FAP 998 DESCRIPTION LOGGED BY BJS Trilevel Interchange LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W St. Clair DRILLING METHOD 082-0323 NA Groundwater Elev.:
First Encounter
Upon Completion
After Hrs.
Medium stiff, gray, SILTY CLAY,
trace sand (continued) (ft) (/6") (tsf) (%) Brown, SAND (FILL) Medium stiff, gray, CLAY, trace Stiff to very stiff, gray, CLAY Loose to medium dense, gray SANDY LOAM Stiff, tan, SILT Medium stiff, gray, SILTY CLAY, trace sand

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 not measured due to sample disturbance
\*\* Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation Division of Highways Geotechnology, Inc FAP 998 DESCRIPTION

SOIL BORING LOG

Page <u>2</u> of <u>4</u> Date <u>8/13/09</u>

LOGGED BY Trilevel Interchange

SECTION82-1	LOCATIO	N _	East S	t. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W				
COUNTY St. Clair DRILLING N	METHOD			HSA and MR HAMMER TYPE		CME 85 / 73%		
STRUCT.         No.         082-0323           Station         NA           BORING NO.         B-425           Station         74+14.22           Offset         10.00ff Right           Ground Surface Elev.         415.08         ff	D B E L P O T W H S (ft) (/6")	U C S Qu (tsf)	M 0 1 S T	Surface Water Elev.	D E P T H	B L O W S	U C S Qu (tsf)	M 0 1 S T
Loose to medium dense, gray, SANDY LOAM (continued)				Medium dense, brown and gray, FINE GRAINED SAND, with silt (continued)				
Medium dense, brown and gray, FINE GRAINED SAND, with silt				Loose to dense, gray, MEDIUM GRAINED SAND, trace silt		7		
See attached grain size	9 11 45 12			See attached grain size distribution	-65	3 4 4		
distribution			-					
*	6 8				_	15 15		
	6				70	14		
						-		
	6 8 -55 9				-75			
						12		

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 not measured due to sample disturbance

\*\* Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

A	ECO	M

	USER NAME = BhattA	DESIGNED	-	ATB	REVISED	-,
		DRAWN	-	MK	REVISED	-
	PLOT SCALE = 0:2 ':" / in.	CHECKED			REVISED	<del>-</del>
-	PLOT DATE = \$DATE\$	DATE		03/18/2011	REVISED	-