(F)	Illinois De of Transpor	partment tation	SOIL BORING LOG	Page <u>3</u> of <u>4</u>
	Division of Highways geotechnology			Date10/31/00
RDUTE	FAI 64	DESCRIPTION	Trilevel Interchange L	DGGED BY SWG
SECTION	082-2-1HB	LOCATION	SEC. 7. TWP. 2N. RNG. 9.W	
COUNTY	St. Clair DRIL	LING METHOD	Hollow Stem Auger HAMMER TYPE	Automatic Hammer
Station BORING NO. Station	082-0378 NA B-19 19+12 58.00ff Left	E L C P O S T W H S Qu	Surface Water Elev.	B U M E L C O P O S I T W S H S Qu T
Medium dens brown, MEDI	face Flev. 419.50 se fo very dense LUM to COARSE (D (continued)	7 14 -85 20 -	After ** Hrs. ** †† Medium dense to very dense, brown, MEDIUM to COARSE GRAINED SAND (continued)	15 20 -105 21
		-90 -90 -7 7 -95 8	GRAVEL, BOULDERS (glacial outwash)	9 12 12 56 -115 13

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 (AASHTD T206)

* Rimac attempted, not measured due to sample disturbance

BBS, from 137 (Rev. 8-99)

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

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			The	SP
n 137	(Pav	8-991		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (E-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling Zone (AASHTO T206)

88S, from 137 (Rev. 8-99)

8 Rimoz attempted, not measured due to sample cisturbance

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

Illinois Department of Transportation Page <u>4</u> of <u>4</u> SOIL BORING LOG Division of Highways geotechnology Date <u>10/31/0</u>0 ROUTE FAI 64 DESCRIPTION Trilevel Interchange LCGGED BY SWG SECTION 082-2-1HB LOCATION , SEC. 7, TWP, 2N, RNG, 9W COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic Hammer D B U M Surface Waler Elev. Unknown ft E L C C Stream Bed Elev. Unknown ft STRUCT, NO. 082-0378
Station NA CRYSTALLINE LIMESTONE - See Rock Core Log End of Boring

Illinois Department of Transportation

ROCK CORE LOG

Page <u>1</u> of <u>1</u>

Date <u>11/2/30</u> Tritevel Interchange LOGGED BY BEC ROUTE FAL 64 DESCRIPTION SECTION 082-2-1HB LOCATION SEC. 7, TWP, 2N, RNG, 9W COUNTY St. Clair CORING METHOD Wireline (ft) (#) (%) (%) (min/ft) (tsf) Broken LIMESTONE, hard, light gray to gray, fine crystalline, slightly 293.80 weathered with no signs of discolaration LIMESTONE. hard, light gray to gray, very fine to fine crystalline, micritic in places, thick bedded to massive, fresh to slightly weathered signs of discoloration 427.0 LIMESTONE, hard, light gray to gray, very fine to fine crystalline, micritic 125 in places, thick pedded to massive, fresh to slightly weathered with vertical fracturing with weathering along fractures (127.5' - 129'), moderately weathered with partings and bands of greenish gray shale (129.5' - 130.5') 2 95 92 2.7 290.00-130 Core loss End of Boring

Color pictures of the cores Yes Cores will be stored for examination un68ptember 1, 2002

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

FILE NAME :	USER NAME = \$USER\$	DESIGNED	-	JXH	REVISED	-
*FILES\$		DRAWN	-	JHR	REVISED	-
Ī	PLOT SCALE = #SCALE#	CHECKED	-	CHY	REVISED	-
	PLOT DATE = \$DATE\$	DATE	-	10-09-09	REVISED	-

A.I. TE.	SE	CTION		CC	UNTY	TOTAL SHEETS	SHE
70	82	-1-1HB		ST.	CLAIR	236	195
				CO	NTRACI	NO. 7	6C5
ED. RO	DAD DIST. NO.	ILLINOIS	FED. AI	D PRO	JECT		