(PS))	Illinois of Tran	Depar	tment
/ (A)	OT I ran	sporta	tion

GRAVEL, COBBLES AND BOULDERS, drill penetration very

Borehole continued with rock

REVISED -

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of Transporta  Division of Highways Gentechnology, Inc.	tion		SC	DIL BORING LOG	•	Date	11/2	26/01
	ESCRIPTIC	N		Trilevel Interchange	LOGG			
				St. Louis, IL, SEC, 7, TWP. 2N, RNG. 9W  Band Mud Rotary  HAMMER EFFICIENCE		utomati	c Ham	mer
STRUCT, NO, <u>082-W302</u> Station  BORING NO. <u>B-211</u> Station <u>67+45</u> Offset <u>14fi right</u> Ground Surface Elev, <u>416.8</u> ft	D B L P O T W H S	Qu S Qu	M O S T	Surface Water Elev. Unknown ft Stream Bed Elev. Unknown ft  Groundwater Elev.: First Encounter 397.8 ft Upon Completion 4 ft After 4 Hrs. 7 ft	DEPT	80ra	U C S Qu	M O I S T
Medium dense to dense, gray, MEDIUM-GRAINED SAND (continued)	11 22 .85 11			Very dense, gray, MEDIUM-GRAINED SAND, with gravel		21 21 42		

316.8 -100 The Unconfined Compressive Strength (UCS) Failure 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)
\* Rimac attempted, not measured due to sample disturbance
BBS, from 137 (Rev. 8-99)

\_\_\_\_ 14 \_95 14

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

PLOT DATE = SDATES

REVISED CMW 02-28-11 USER NAME = #USER# DESIGNED - CMW oFILEL® DRAWN - TJW REVISED -PLOT SCALE = #SCALE# CHECKED - CMW REVISED -

DATE - 12-20-2010

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

	RETAINING WALL 082-W302							F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.			
						G LOGS				:	70	82-1-8-1	ST. CLAIR	319	277
							<u>,</u>						CONTRACT	NO.	76C7
SCALE: N.	T.S. SH	EET I	NO 6	QF.	13	SHEETS	STA.	65+50.00	TO STA.	70+90.00		ILLINOIS FED. AI	D PROJECT		

Illinois Department of Transportation

**ROCK CORE LOG** 

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Date 11/26/01

	ROUTE _	FAP 998	DESCRIPTION	Trilevel Interchange		:	_ LO	GGEE	BY	JSS
	SECTION	82-1	G. 9\	N	.,,.		-			
	COUNTY	St. Clair	CORING METHOD Wirelin	е			R E	R	CORE	S T
	STRUCT. Station	NO. <u>082-W302</u>	CORING BARREL 1	TYPE & SIZE <u>NX (2.985 in.)</u> 2 In	D E	C O	00>	à	T I M	R E N
	Station _ Offset	NO. B-211 67+45 14ft right	Top of Rock Elev. Begin Core Elev.		P T H	RE	E R Y	D .	E	G T H
		Surface Elev. <u>416</u> NE: Brownish-gray, ve	.8 ft ery finely crystalline, porphyrition	c. massive, fresh, good 299	(ft)	(#)	90	82	(min/ft) 4,2	(tsf) 1370.0
	quality, ha	rd, dense, occasional	stylolites and argillaceous lime	estone partings		·				
				294	1					
	argillaceou	NE: Gray, very linely c	rystalline, massive, fresh, fair	quality, nard, dense,	-126	2	71	. 35	7.9	
	bluish-gray End of Bori	clay seams from 126	to 126.4 feet	290	.3					
i	LING OF DOIL	iiig								
					<u>-130</u>	-				
	. '									
					-135					

Color pictures of the cores \_\_\_

Cores will be stored for examination until 9/1/02

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

BBS, form 138 (Rev. 8-99)