ROUTE NO.	SECTION	cos	мтү	SPECTS	SHEET NO.	SHEE	T NO. 11
FAP 627	U-BR	LA S	ALLE	38	26	12	SHEETS
FED. ROAD DIST	ND, 7	fll!N016	PED. AID PR	DJECT-			

CONTRACT NO. 66544



SOIL BORING LOG

Page 1 of 1

Date <u>9/18/03</u>

1		Civinion of Highways District #3, Cittava									
ROUTE		FAP 627 (IL 71)	DES	CRIE	MOIT	HLI	<u>1015 7</u>	1 OVER CREEK WES	T OF OTTAWA	LOGGED BY	IDOT-KW
SECTIO	N	U-BR		_ u	OCAT	ION _	SW 1/	4, SEC. 20, TWP. 33N.	RNG. 3E, 3 rd PM		
COUNT	Υ	LASALLE DE	RILLING	MET	нор		Hol	low Stem Auger	HAMMER TYP	E AUTO	MATIC
STRUC	T. NO.	050-0030 EXISTIN 99+40,00		D E P	B L O	U C S	M O I	Surface Water Elev. Stream Bed Elev.	454,20 ft		
Statio	n	01 WEST ABUT 98+95.5 15.00ft LT		H (ft)	W \$ (/6")	Qu (tsf)	S T (%)	Groundwater Elev.: First Encounter Upon Completion After Hrs.	452.3 ft ft ft	¥.	
SHOUL	DER :	face Elev. <u>466.80</u> STONE Over Brown yn SILTY CLAY	-								
Stiff Br CLAY I (FILL)	own S LOAM	ILTY CLAY LOAM to with Some GRAVEL	464.30		2 3 3	1.0 P	13.0				
					4 14 14	-					
				-	8 9 10	1.0 P		-			
Clay E	l alle!	to Buff SAND with imestone Pebbles and Reworked (E)	457.3	<u>-1</u>	3 6 8	-	12.6				
					2	+:	16.	0			
LOAN	A OF ST	SAND Over SAND	462. (451,		112	2	20.	ō			
		ontinued with rock	449.	50 -							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulgs, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T298)
BBS, from 137 (Rev. 8-99)

(Illinois Department of Transportation ROCK CORE	LOG		PZ	ige <u>1</u>	or <u>1</u>
Division of Highwaye District 93. Criawa			-	te <u>9/</u>	
ROUTE FAP 627 (IL 71) DESCRIPTION ILLINOIS 71 OVER CREEK WEST			GGED	BY IDO	T-KW
SECTION U-BR LOCATION SW 1/4, SEC. 20, TWP. 33N, R	ING. 3E, 3 rd P				
COUNTY LASALLE CORING METHOD ROTARY CME 75 5' DOUBLE		R E C	R	CORE	S T R
STRUCT. NO. 050-0030 EXISTING CORING BARREL TYPE & SIZE BARREL	D C	V	Q D	I M	E N
BORING NO. 01 WEST ABUT Top of Rock Elev. 451.30 ft	P R T E H	E R Y		=	T H
Offset 15.00ft LT Ground Surface Elev. 466.80 ft	(ft) (#)	(%) 45	(%) 16	(min/ft)	(tsf)
GRAINED, DENSELY COMPACTED BUT POORLY CEMENTED. Qu Sample Moisture = 4.8%	9.50	1	1.0		
ON CORE REMOVAL, THE CORE TENDS TO BREAK INTO SMALLER THAN 4" DECES LOWEDING THE MEASURED ROD. THE IN-PLACE SANDSTONE	-20				
PROBABLY HAS A HIGHER ROD THAN INDICATED BY THE CORE RESULTS					
	2	55	13		92.0
	긐				
	-25				
End of Boring	39.50	\dagger	T	1	
	-30				
	_				
	크				
and the second s					
	-35				
	=				
1		1	1	1	1

Color pictures of the cores

Cores will be stored for examination until

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

RBS. form 138 (Rev. 8-59

BORING LOGS

PROJECT
FAP ROUTE 627 (IL 71) OVER UNNAMED STREAM
SECTION U-BR
LA SALLE COUNTY
STATION 98+58.9
STRUCTURE NUMBER 050-0243

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois

Design Firm License No. 184-002703 OF 12 SHTS

ILLINOIS DEPARTMENT OF TRANSPORTATION

05/17/2006