of Transportat						Date5/7/0
ROUTE FAI 57/70 DESCRIPTIO	N_			I-5	7/70 over US 45 LOGGED	BY E. Sandscha
SECTION(25-4,3)R LO	CAT	ION_	N 1/2,	SEC.	16, TWP. 8 N, RNG. 6 E, 3 PM	
COUNTY Effingham DRILLIN	G ME	THOE	Hol	low st	em auger & split spoon HAMMER TYPE	Auto 140#
STRUCT. NO. (EX) 025-0013/0014 Station 2294+12.22	D E P	B L O	U C S	M 0 1	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft	
BORING NO. 4 Station 2295+49 Offset 0.00ft	Н	S S	Qu	S T	Groundwater Elev.: First Encounter 546.6 ft Upon Completion Washed ft	
Ground Surface Elev. 626.12 ft Hard, damp, gray, CLAY LOAM	(ft)	(/6") 27	(tsf) 5.5	(%) 10	After 24 Hrs. 610.4 ft	
TILL. (continued)	_	29	3.5 B	10		
	_					
	_					
	_					
	-125					
	-1 <u>25</u>	ĺ				
	_					
	_					
	-					
	_					
496.62 Stiff, damp, blue, SANDY LOAM.		23				
ouii, dairip, bide, oANDT LOAM.	-130	24	1.5	17		
		15	S			
	_					
	_					
492.22		50/1"				
Very dense, moist, gray, estimated LIMESTONE. Low recovery. 492.02	-135	50/1"				
Borehole continued with rock coring.	_	50/1"				
	_					
	_					
	_					
	_					
	-140					

FILE NAME = 0250III-74295-076-Boring Logs.dgn USER NAME = bbovee

REVISED REVISED

REVISED REVISED

DESIGNED -

Illinois Design Firm Number 184.001670 CHECKED -

 PLOT SCALE =
 DRAWN
 WJS

 PLOT DATE = 3:27:25 PM
 8/14/20/3
 CHECKED
 CJF

Illinois Department of Transportation ROCK	CORE	ı <i>c</i>	S		Р	age <u>5</u>	of
Division of Highways Division of Highways Division operation	COKL	LC	G		D	ate	5/7/07
ROUTE FAI 57/70 DESCRIPTION I-57/70 over US	S 45		_ L0	OGGE	D BY	E. Sand	schaf
SECTION(25-4,3)R LOCATION N 1/2, SEC. 16, TWP. 8	N, RNG . 6 E, 3	РМ					
COUNTY Effingham CORING METHOD Rotary, surface set dia	amond bit			R		CORE	s
	W, conv dbl bbl	,		E	R	т	T R
STRUCT. NO. (EX) 025-0013/0014 CORING BARREL TYPE & SIZE_ Station 2294+12.22		D E	C O	O V	Q	I M	E
Core Diameter 2.06	_ in _ ft	P	R	E	Ď	Ë	G
Station 2295+49 Begin Core Elev. 492.02	_ ft	T H	E	R Y			T H
Offset 0.00ft Ground Surface Elev. 626.12 ft		(ft)	(#)	(%)	(%)	(min/ft)	(tsf
Gray, SANDSTONE. Rock core B4A depth 134.10' to 134.50' Qu = 325 tsf	492.0	1	B4-1	100	84	1	_
		-135					
		_					
Const. LIMEGTONE	489.6	2					
Gray, LIMESTONE.	488.5	_					
Gray, SANDSTONE.	488.4 488.4						
Gray, LIMESTONE.	487.5	<u> </u>					
Gray, SANDSTONE w/ Limestone pockets.							
Rock core B4B depth 140.66' to 141.13' Qu = 343 tsf		_					
	483.6						
Gray, moderately weathered, SANDY LOAM SHALE.							
		_					
Extent of exploration.	481.8						
		-145					
		_					
Benchmarks:		_					
BM 44 Brass disk on SW corner of existing SB/WB structure 025-00140, Stati $2291+65$, 7.2 ' Lt = 628.87 ' elevation.	ion	_					
BM 45 Brass Disk on NE corner of existing NB/EB structure 025-0013, Station 2295+26, 7.2' Lt = 625.57' elevation.	n	-150					
BM "LIN 14" Chiseled square in concrete median on US 45 Station 48+55, ce	nterline =	_					
592.07' elevation.		-150					
		_					
		_					