## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	cou	INTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 18
FAP 95	6BR-7	JASI	PER	546	258	18 внеетв
FED. ROAD DIS	T. NO.	ILLINOIS	FED. AID PR	OJECT-		

Contract No. 94437

Illinois De of Transp				SC	OIL BORING LOG		je <u>1</u> e7/1	
•	•		est Fo	rk Big	Muddy, North Muddy Twp LOGGED			
SECTION 6-BR	LOCAT	ION	SEC	. 17. <b>T</b>	WP. 7 N, RNG. 8 E, 3 PM			
					olid stem auger HAMMER TYPE	Auton	natic 14	0#
STRUCT. NO.         040-0021           Station         729+63           BORING NO.         1 of 2 (East Abu           Station         730+02           Offset         7.00ft North of C           Ground Surface Elev.         582.5	t) T	B L O W S	U C S Qu (tsf)	M O I S T	Stream Bed Elev. 572.52 ft  Groundwater Elev.: First Encounter Dry ft Upon Completion Dry ft	D B L P O T W H S	U C S Qu (tsf)	M O I S T
Asphalt surface.	581.83				Hard, damp, brown marbled red & gray, CLAY TILL. (continued)	6		
Concrete pavement.  Soft, wet, gray w/ black streaks, CLAY w/ slight organic odor.	581.03					12 16	7.0 B	12
CLAT Wisight organic odor.		0			-	4		
		0 2	0.4 B	24		9 13 -25	4.8 B	13
	576.53	0			Hard, damp, gray, CLAY TILL.	6		12
Estimated soft to medium, very damp, gray mottled brown w/ black streaks, CLAY.	A A A STATE OF THE	2 2	0.5 E	25	_	15	1	12
Stiff, damp to very damp, gray marbled red w/ black streaks, CLAY.	574.03	2 3	1.1 S	25	_			
	<u>-10</u> 571.53	1				5		
Stiff, damp, red, CLAY TILL.		6	1.6 B	17	550.53 Very stiff, damp, gray, CLAY TILL.	10 17	4.3 B	14
No. of the dames begins OLAV	569.03	7	3.9	10		5	3.8	13
Very stiff, damp, brown, CLAY TILL.	-15	17	3.9 E	10		12		13
Hard, damp, brown marbled red & gray, CLAY TILL.	567.03	6 12 15	6.2 S	11	648.53 Hard, damp, gray, CLAY TILL.	- 4 - 10 - 14		12
		5				4		
		10	7.1 BS	12	543.03	9	4.4 B	14
	-20				Very stiff, damp, gray, CLAY.	-40		

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)
BBS, from 137 (Rev. 8-99)

Illinois Depa of Transport	rtme atior	nt 1		SC	OIL BORING LO	G			2	
Division of Highways Illinois Department of Transporta									7/1	
ROUTE FAP 95 (ILL 33) DESCRIP	TION		lest Fo	rk Big	Muddy, North Muddy Twp	LOGGE	DВ	Υ	D. Lu	Х
SECTION 6-BR	LOCAT	ION_	SEC.	. 17, <b>T</b>	WP. 7 N. RNG. 8 E, 3 PM					
COUNTY Jasper DRILL	ING ME	THOE		S	olid stem auger HAMMEF	TYPE	F	Automa	atic 14	0#
STRUCT, NO.         040-0021           Station         729+63           BORING NO.         1 of 2 (East Abut)           Station         730+02           Offset         7.00ft North of CL	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.		D E P T H	B L O W S	U C S Qu	M O I S T
Ground Surface Elev. 582.53	ft (ft)	(/6")	(tsf)	(%)	AfterHrsN/A	_ ft	(ft)	(/6")	(tsf)	(%)
Very stiff, damp, gray, CLAY. (continued)		3			Medium, very moist, gray marbled brown, SAND w/ few pebbles and			3		
,		9	3.5 B	15	sandstone fragments. 34% passing #200 sieve. (continued)	•		11		17
	_									
	*****	8	3.9	16	Very dense, moist, gray w/ brown	519.03		8 15	-	23
538	1.03	11	В	10	streaks, SANDY LOAM w/ few	518.03		43		
Stiff, damp, gray marbled brown, CLAY w/ few pebbles and sandstone fragments.	-45	2			sandstone fragments.  Dense, moist, gray w/ brown streaks, SANDY LOAM w/ few sandstone and clay shale	J	<b>-6</b> 5	10		
		5	1.8	19	fragments, and 1/2" clay lenses.	516.03		19	3.0	21
		6	S		Very stiff, damp, gray, very badly weathered, CLAY SHALE w/ few sandstone fragments and thin sand & sandy loam lenses.			19	S	
Stiff damp, gray marbled brown	.03	3	1.6	13	,		-			
SANDY CLAY w/ few pebbles and sandstone fragments and 1/2" sand & sandy loam lenses at	-50	13	S				-70			
bottom of sample.  Medium, moist to very moist, gray		5			Very dense, moist, gray marbled	512.03	-	39		
marbled brown, MIXTURE of Clay, Sandy Clay & Sand w/ few pebbles and sandstone		13 14	0.8 S	17	brown, thin layered, weathered, CLAY SHALE w/ thin sandstone partings.			50/3"  50/2"/		11
fragments.	-						-			
Dongo moint to your maint arm	.03	7 15		24		,		50/3" 50/1"		6
Dense, moist to very moist, gray marbled brown, MIXTURE of Clay, Sandy Clay & Sand w/ few pebbles and sandstone	-55	22		24				50/1"		
fragments.		8			Extent of exploration	506.63		50/3"		6
525	.53	18 19		15	Extent of exploration			50/1" 50/1"		
Medium, very moist, gray marbled brown, SAND w/ few pebbles and sandstone fragments. 34%	_				Benchmark = 582.735' BM #26 "X" on CL near center of existing bridge.					
passing #200 sieve.					Provided by Program Development.					
	-60						-80			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

Illinois De	partm	ent		SC	II BORING I O	G		Page	1	of _	1
Illinois Department of Transportation District 7  SOIL BORING LOG  SOIL BORING LOG								Date	7/1	4/97	-
ROUTE FAP 95 (ILL 33) DESC	RIPTION		West Fo	ork Big	Muddy, North Muddy Twp	LOGG	ED B	Υ	D. Lu	x	
					WP. 7 N, RNG. 8 E, 3 PM						_
COUNTY Jasper D	RILLING	METHO	D	So	olid stem auger HAMME	RTYPE		Automa	atic 14	D#	_
STRUCT. NO.         040-0021           Station         729+63           BORING NO.         2 of 2 (West Abut)           Station         729+23           Offset         8.00ft South of C           Ground Surface Elev.         582 66	1)	D B L P O T W H S	S Qu	M O I S T	Surface Water Elev.	ft ft ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	
Asphalt surface.	581.86				Very stiff, damp, gray, CLAY TILL (continued)		_	,			~
Concrete pavement.	581.26	-			(continued)		-	5 9	3.7	13	~
Medium, wet, gray marbled brown w/ black streaks, CLAY w/ few sandstone fragments.								11	В		
		0	0.8	32	OLAN TILL	559.16		4	4.5	15	_
	arman .	- 0	0.8 B	32	Hard, damp, gray, CLAY TILL.			11	4.5 S	15	
		-5					-25	8			
	*****	- 0 2	0.6 B	24			_	14 22	6.5 S	12	
								40			
Stiff, damp to very damp, gray	574.16	1 2	1.6	21			-	13 19	6.6	11	-
mottled brown, CLAY w/ few sandstone fragments.		3	В		·		-30	25	E		
	571.66	- 1						10			
Very stiff, damp to very damp, brown marbled gray & red, CLAY TILL.	011.00	_ 3 4	2.1 B	13				19 21	6.7 S	11	
1 Harbas		$\dashv$					-				
Hard, damp, brown marbled gray	569.16	5 10	4.7	13				8 14	7.6	12	•
& red, CLAY TILL.	_	15	1	13			-35	18	BS	14	
		4					-55	6			
	-	10 12	4.8 S	13		545.66	_	12 18	5.2 B	14	
					Extent of exploration						
		5 10		12	Benchmark = 582.735' BM #26 "X" on CL near center of existing bridge.		_				
Very stiff, damp, gray, CLAY TILL.	563.16	12	E		Provided by Program  Development.						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

	ILLINOIS DEPARTMENT OF	TRANSPORTATION
	BORING L	<u>0GS</u>
	IL RTE 33 OVER WEST FORK OF FAP RTE 95 - SECTI JASPER COUN' STATION 729+7:	ON 6BR-7 TY 2.50
REVISIONS NAME DATE	SN 040-002	1
NAME DATE	SCALE: VERT HORIZ.	DRAWN BY: LANDREY DESIGNED BY: SANFORD
	DATE: 8/25/04	CHECKED BY: WATKINS COMPUTER FILE NO.
	COPPNE & SDADOOD INC	I COMPUTER FILE NO.

PROJECT 01256 2/26/10-FAV

FILE NAME = JNO1256NDRAWINGS\SNO40-002NO1256bor.dgn
PLOT SCALE = 0.0417 // InDRV = VBI.TDST00\_PS\_LOCAL.plfofg
PLOT DATE = 3.417/200
PLOT TIME = 5.8825 PM
OPERATOR = frankv