

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Sheet S25 of S25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	17R/B	WHITESIDE	376	75
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT	

Contract #64B74

ILLINOIS DEPARTMENT OF TRANSPORTATION District Two Materials Union Grove - SE 12 - T2IN, R4E		Units English Bridge Foundation Boring Log	
PROJECT	P-92-047-99	BRIDGE	US 30 over Rock Creek 0.1 mile East of Garden Plain Road
ROUTE	FAP 309	Date	Sh. 1 of 2 02/24/00
SEC.	17 R-T	STA.	36+38.11 $\bar{C}$ Br = 634.13
COUNTY	Whiteside	Bored By	W. Garza
Boring No.	B-1	Checked By	T. Bratt
Sta	37+16		
O/S	25' Lt $\bar{C}$		
Ground Surface	630.6	0	
SOFT brown CLAY LOAM		0.5	16
MEDIUM tan SANDY CLAY TILL		7	1.0
		13	P
		7	
MEDIUM tanish brown fine SAND		-5	625.6
		5	
		8	
		10	
LOOSE brown dirty fine SAND		3	
		4	
		5	
DRY LOOSE gray brown dirty fine SAND		-10	620.6
		1	
		1	
		1	
VERY LOOSE Same as above		1	
		1	
		1	
VERY LOOSE aqua blue Same as above		-15	615.6
		1	
		1	614.75
		2	streambed
LOOSE Same as above		1	
		2	
		3	
First Encounter DENSE light gray fine SAND		V	-20
		11	610.6
		12	
		25	
		next column	
N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)		-45	585.6
Surf Wat El.	619.1	D	
Grndwater El.		E	
at Compl	Wash	P	
At	Hrs	T	
		H	
		N	
		Qu	
		t/sf	
		W	
		%	
VERY DENSE Same as above		100/10"	PEN
VERY DENSE tan fine SAND		-25	605.6
			100/2"
			PEN
VERY DENSE Same as above			100/7.5"
			PEN
MEDIUM tan rust gray CLAY		-30	600.6
		3	1.3
		5	S
		6	32
VERY DENSE tan weathered LIMESTONE			100/2"
			PEN
VERY DENSE tan LIMESTONE		-35	595.6
			100/3"
			PEN
Ist 5' Run 95% Recovery tan LIMESTONE top 2' is fairly competent & massively bedded, bottom 3' is very fractured and contains solution cavities		-40	590.6
80% Recovery 4' of 5' run tan LIMESTONE Same as above			

ILLINOIS DEPARTMENT OF TRANSPORTATION District Two Materials Union Grove - SE 12 - T2IN, R4E		Units English Bridge Foundation Boring Log	
PROJECT	P-92-047-99	BRIDGE	US 30 over Rock Creek 0.1 mile East of Garden Plain Road
ROUTE	FAP 309	Date	Sh. 1 of 1 02/29/00
SEC.	17 R-T	STA.	36+38.11 $\bar{C}$ Br = 634.13
COUNTY	Whiteside	Bored By	B. Montgomery
Boring No.	B-2	Checked By	T. Bratt
Sta	35+90		
O/S	30' Lt $\bar{C}$		
Ground Surface	633.1	0	
MEDIUM brown SILTY CLAY LOAM very crumbly		0.5	14
MEDIUM orange SANDY LOAM, very crumbly		2	1.0
		7	P
		10	
STIFF Same as above		-5	628.1
		4	1.6
		5	P
		4	15
MEDIUM brown SILTY LOAM		2	0.8
		3	B
		4	26
LOOSE orange SAND		-10	623.1
		6	
		4	
		6	
VERY DENSE Same as above contains weathered LIMESTONE fragments			100/10"
			PEN
VERY DENSE tan weathered LIMESTONE		-15	618.1
			100/7"
			PEN
VERY DENSE Same as above			100/3"
			pen
			614.75 streambed
First Encounter VERY DENSE tan LIMESTONE, bottom 2" SAND		V	-20
		12	613.1
			100/9"
			PEN
		next column	
N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear E-Estimated P-Penetrometer)		-45	588.1
Surf Wat El.	619.1	D	
Grndwater El.	615.1	E	
at Compl		P	
At	Hrs	T	
		H	
		N	
		Qu	
		t/sf	
		W	
		%	
VERY DENSE orange SAND		100/6"	PEN
VERY LOOSE Same as above		-25	608.1
			100
			6
			3
MEDIUM Same as above			1
			6
			18
MEDIUM Same as above		-30	603.1
			2
			10
			20
DENSE Same as above bottom 2" weathered LIMESTONE			31
			20
			36
VERY DENSE tan LIMESTONE		-35	598.1
			14
			42
			24
MEDIUM orange CLAY LOAM, contains weathered LIMESTONE very plastic			1
			0.5
			P
			59
VERY DENSE weathered LIMESTONE		-40	593.1
			25
			100/7"
			PEN
VERY DENSE weathered LIMESTONE			100/0"
			PEN
Auger Refusal END OF BORING			

SOIL BORING LOGS II

U.S. RTE. 30/IL RTE. 78 OVER ROCK CREEK  
F.A.P. ROUTE 309, SECTION (17R)B  
WHITESIDE COUNTY  
STATION 1037+84.35  
STRUCTURE NO. 098-0113

DATE: December 18, 2008  
DRAWN BY: D. Schettler  
CHECKED BY: A. Yarglooglu