

BORING LOGS

IDOT	Illinois Department of Transportation Division of Highways						G LOG	Page <u>1</u> of			
ROUTE Business 20	DES	DESCRIPTION _			P9	92-094-05 Traffic Signal at B Lawrenceville Road in Bel	ypass 20 & videre LO				
SECTION 64B31(1-3)TL			LOCAT	ION	Belvid	lere/Bonus Twps 25NE/30NW	7 - T44N, R3E & R4E, SEC	., TWP., RNG.			
COUNTY Boone D	RILLING I	LLING METHOD			Н	Iollow Stem Auger	HAMMER TYPE	PE CME-45 Automatic			
STRUCT. NO	ANALISMA MARKA	D E P T	B L O W	U C S	M O I S	Stream Bed Elev. Groundwater Elev.:	NA_ft				
Station 259+25 Offset 49.00ft Rt EOP		Н	S	Qu	Т	First Encounter Upon Completion	90.3 ft Y ft				
Ground Surface Elev. 99.8 Road Rock 8"	ft	(ft)	(/6")	(tsf)	(%)		ft				
STIFF brown SILTY CLAY LOAM				1.8 P	18						
STIFF dark brown LOAM	97.80		4	10	10						
	96.30		5 5	1,9 B	19						
STIFF brown SANDY LOAM		-5	4		<u> </u>						
î.		_	7 8	1.5 S	11						
MEDIUM tan'gray very moist dirty	93.30		3			-					
SAND & GRAVEL	91.30		6 9								
LOOSE tan fine SAND		<u></u>	3								
DOOD WE HE SELD	88.80		3								
LOOSEMEDIUM tan fine SAND			4 4 6								
	86.30										
Same as above		-15	2 4								
	83.80		6			-	:				
DENSE tan SAND & GRAVEL			9 16			-	;				
	81.30		22								
End of Boring		-20									

Di	vision of Highways OT					D	92-094-05 Traffic Signal at Byp	.o.go 20 &			Date	5	4/05
ROUTE	Business 20	DESC	ESCRIPTION			T.	Lawrenceville Road in Belvi	LO	GGED	BY	<u>W. (</u>	Jarza	
SECTION 64B31(1-3)TL COUNTY Boone DRILLING METH		LOCATI			ION	DN Belvidere Bonus Twps 25NE30NW - T44N, R3E & R4E, SEC., TWP., RNG.							
		ŒTHO	THOD		Hollow Stem Auger		HAMMER TYPE		(CME-45	Automatic		
STRUCT. NO Station BORING NO	D 9		D E P T	B L O W	U C S	M O I S		N/A ft ft		D E P T	B L O W	U C S	M C I S
Station Offset Ground Surface Ele	261+25 11.00ft Lt EOP	ft	H (ft)	S (/6")	Qu (tsf)	(%)	First Encounter Upon Completion After Hrs.	90.2 ft ft	<u>¥</u>	H (ft)	S (6")	Qu (tsf)	(%
Road Rock		07.70					MEDIUM gray fine SAND (continued)		78.70		3 6 7		
VERY STIFF light b	rown LOAM	97.70 96.20		5 5 6	3.7 B	15	DENSE gray clean medium		76.20		8 15 23		
VERY STIFF light b	rown LOAM	-	-5	4 7	2.9	15	End of Boring			-25			
VERY STIFF brown SILTY CLAY LOAM	93.70		12	В									
	90.70		9 12	2.8 B	22				_				
MEDIUM gray clean SAND, very moist	medium	88.70	_10 	7 8 8			The second secon			-30			
LOOSE gray fine SAND			4 3 5						_				
LOOSE gray SAND		86.20	-15	2 3						-35			
		83.70	_	5									
MEDIUM gray fine	SAND	81.20		4 5 8									

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)