STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

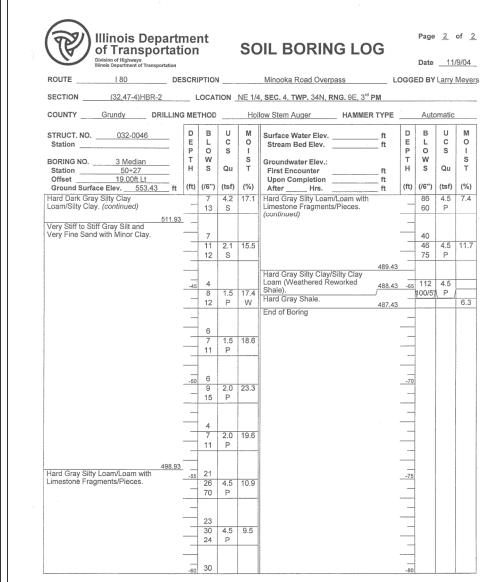
Illinois Department of Transportation Division of Highways Illinois Department of Transportation									Date11/8/04_			
ROUTE 80	DESCRIPTION				Minooka Road Overpass	L0	LOGGED BY Larry Meyer					
(32,47-4)HBR-	2	LOCA	TION	NE 1/4	4, SEC. 4, TWP. 34N, RNG. 9E, 3rd	PM						
COUNTY Grundy D	RILLING N	ETHOD		Но	llow Stem Auger HAMME	R TYPE		Auto	omatic			
TRUCT. NO. 032-0046	F	L O W	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.	ft ft ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T		
Very Dense Brown Fine Sand to Fine Gravel with Minor Medlum/Coarse Gravel up to Cobble Size at 43'. (continued)	<u>_ '' '</u>	25 42	, ,	3.3	Very Stiff Gray Silty Loam/Loam. (continued)		_	11 33	2.0 P	16.8		
	531.05	14		4.9			_	4	2.5	14.7		
	-	81					-65	36 9	Р			
	-	28 32		11.9 W			-00	12 13	2.0 P	22.0		
	-	7 17 25		19.6	Dense Brown Fine to Very Fine Sand and Silt.	506.05	_					
		11 40 76		13.9		503.05	70	11 19 22		22.1		
ery Stiff Gray Silty Loam/Loam.	522.05	7 22 55	3.0 P	12.6 W	End of Boring		_					
		35 74 30	3.0 P	9.4			-75					
,	_	8 11 17	2.0 P	16.3			-					

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 De	partr	ne	nt		SC	OIL BORING LO	G		Page	1	01
Division of Highways Illinois Department of Trans	JI Lati sportation	1011			30	DIL BORING LO	G		Date	11	/9/04
ROUTE 180	DE	DESCRIPTION			Minooka Road Overpass LO				ED BY	Larry	Meye
SECTION (32,47-4)HBR	-2	_ ı	LOCAT	ION _	NE 1/4	4, SEC. 4, TWP. 34N, RNG. 9E, 3 rd F	PM				
COUNTY Grundy E	RILLING	ME	THOD		Но	llow Stem Auger HAMMER	TYPE		Auto	omatic	
STRUCT. NO. <u>032-0046</u> Station		D E P	B L O	U C S	M 0	Surface Water Elev. Stream Bed Elev.		D E P	B L O	U C S	M 0
BORING NO. 3 Median Station 50+27 Offset 19.00ft Lt	***************************************	H	W S	Qu	S T	Groundwater Elev.: First Encounter Upon Completion	ft	H	S	Qu	S T
Ground Surface Elev. 553.43 Cored Concrete and Bituminous.		(ft)	(/6")	(tsf)	(%)	After Hrs. Very Dense Brown Fine	_ ft	(ft)	(/6")	(tsf)	3.5
Augured Concrete Rubble and Brown Sandy Loam.						Sand/Fine Gravel. (continued)			59		3.0
								_	6		
									27 30		11.
	548.93	_					528.93				
Stiff Brown Silty Clay Loam/Silty Loam.		-5	4	1.1	18.1	Very Dense Gray Fine Sand/Fine Gravel.		-25	35		11.
			6	S			526.93	-	42		
			4			Dense to Very Dense Fine to Coarse Sand with Minor Medium Gravel.		_	8		
		_	6	1.5 P	12.3	Glavei.			12 20		14.
Hard Brown Loam/Clay Loam.	544.43										
riald blown Loansolay Loans.		-10						-30	10		
		_	17 20	6.6 S	10.1			_	21 30		13. W
						Very Dense Gray Fine Sand to	521.93				
		_	15			Coarse Gravel.			26		
			36 36	4.5 P	11.0			_	43 55		10. W
		-15	14		0.0			-35			
Very Dense Brown Fine	537.93	-	27		8.9						
Sand/Fine Gravel.								_	4		
			14			Very Stiff Brown/Black Silty Loam.	516.43		10	2.3	34.
		_	32 35		4.0		F4450			P /	
			- 00			Hard Dark Gray Silty Clay	514.93				
		-20	10			Loam/Silty Clay.		-40	4		

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)



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)

<u>SOIL BORINGS</u> STRUCTURE NO. 032-0119

 DESIGNED
 JSI/MAJ/JFS

 CHECKED
 JFS/MJB

 DRAWN
 MLB/JLP

 CHECKED
 JFS/MJB



SHEET NO. 33

F.A.U RTE.	SECT	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEET NO.
400	(32,47-4) HBR-2		GRUNDY	143	94
,	S.N. 032-0	119	CONTRACT	NO. 66	873	
FED. RC	AD DIST. NO.	ILLINOIS	FED. AI	D PROJECT		