



Illinois Department of Transportation

Division of Highways  
District #3, Ottawa

### SOIL BORING LOG

Date 4/15/09

ROUTE SBI-64 (IL 64) DESCRIPTION IL 64 over Branch of Kishwaukee River, 1.0 MI E JCT IL 23N LOGGED BY LM

SECTION 126B-1 LOCATION South East 1/4, SEC. 33, TWP. 41N, RNG. 5E

COUNTY Dekalb DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.	Station	BLOW COUNT	UCS	M O I S T	Surface Water Elev.		D E P T H	B L O W S	U C S	M O I S T
					ft	ft				
019-0013 (Exist.)	78+50.74				825.75	822.43				
BORING NO. 2 (NW Quad)										
Station 78+01.74										
Offset 15.00ft Lt.										
Ground Surface Elev. 835.55 ft										
Augered Bit. Shldr., Tan CA-6 & Brown Silty Clay Loam Fill										
		3						4		
		4	2.0	14.3				5		13.7
								6		15.5
								9		
		2						3		
		3	2.0	26.8				5		16.8
		4	P					9		
		2						5		
		2	2.0	21.4				7		22.5
		5	P					9		
Medium Gray Fine Sand/Coarse Gravel, Loamy										
		3						3		
		5		9.8				5		21.4
		7						5		
		5						4		
		8		9.4				5		15.4
		10						6		
		9						3		
		9		10.4				6		13.9
		9						6		
Medium Gray Fine Sand/ Medium Gravel with some Coarse Gravel & Free water and Minor Layers of Fine Sand (Washed Samples)										
		7						3		
		7		15.5				7		19.7
		7						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)



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019-0013 (Exist.)	78+50.74				825.75	822.43				
BORING NO. 2 (NW Quad)										
Station 78+01.74										
Offset 15.00ft Lt.										
Ground Surface Elev. 835.55 ft										
Medium Gray Fine Sand/ Medium Gravel with some Coarse Gravel & Free water and Minor Layers of Fine Sand (Washed Samples)										
		5						4		
		10		20.4				5		13.7
		10						6		15.5
								9		
		3						3		
		5		13.4				5		16.8
		5						9		
		2						5		
		2	2.0	21.4				7		22.5
		5	P					9		
Dense Gray Fine Sand with some Coarse Sand/Gravel pockets (Washed Samples)										
								9		9.0
								12		
								23		
		11						11		
		21		18.5				21		18.5
		31						31		
End of Boring										
		4						4		
		6		17.3				6		17.3
		7						7		
		6						6		
		9		19.7				9		19.7
		19						19		

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USER NAME =	DESIGNED -	REVISD -
CHECKED -	REVISD -	REVISD -
DRAWN -	REVISD -	REVISD -
PLOT DATE =	CHECKED -	REVISD -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS  
STRUCTURE NO. 019-0048  
SHEET NO. 20 OF 20 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	126(B-1)BR	DEKALB	62	38
CONTRACT NO. 66987				
ILLINOIS FED. AID PROJECT				