

SOIL BORING LOG

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Date __12/17/09

								E - 4 B - 4		
	ROUTEFAP 749 (IL 133)									
	SECTION14BR	4BR LOCATION SW, SEC. 31, TWP, 14N, RNG, 13W, 3 rd PM GPS								
	COUNTY Edgar DR	ILLING	LING METHOD			Hol	low Stem Auger	HAMMER TYPE	Automatic	
	STRUCT. NO. 023-2011E 023-2018P Station 232+00	_	D E P	B L O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.	<u>Dry</u> ft 672.0 ft		
	BORING NO. 1 NE Station 232+16 Offset 17.0 ft Lt.	_	H	w s	Qu	S T	Groundwater Elev.: First Encounter Upon Completion	ft		
	Ground Surface Elev. 678.0	ft	(ft)	(/6")	(tsf)	(%)	After Hrs.	Dry_ft		
	Aggregate (Shoulder Stone)	677.0	_							
	Black Silty Clay	6//.0								
			_	4						
			_	5	1.6	28				
			-5	5	В					
		672.0	_							
	Gray/Brown Sandy Clay Loam Till			3	1.0	28				
			_	3	B B	20				
			_	2						
2			_	2	0.6	24				
200		667.5	-10	3	Р					
12	Gray Clay Loam Till	001.0		1						
2-620			_	6	1.2	14				
GAR				8	В					
STACKLATBORING LOGS/EDGARWZ3-Z011EAIST, GPJ	Gray Sandy Clay Loam Till	665.0		-						
3	,,,		_	5						
5		663.0		8	4.3 B	11				
9	End of Boring	003.0	-15	<u> </u>	-					
5				-						
				1						
4				-						
9.75			_	1						
CIZOUS 6:33547 AM				-						
Ni .			_	1]	1				

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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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COUNTY Edgar DRILLING METHOD				Ho	low Stem Auger	HAMMER TYPE	Automatic
023-2011E 023-2018P Station 232+00 Station 2 SW Station 231+86 Offset 16.0 ft Rt.		D B E L P O T W H S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter	672.0ft ft	
Ground Surface Elev. 678.1	ft (ft) (/6")	(tsf)	(%)	Upon Completion _ After Hrs.	ft Dry_ft	
Aggregate (Shoulder Stone)							
Black to Brown Silty Clay	677.1	_					
olden to brown only oldy		_					
	_	-					
	_	3					
Gray/Brown Soft Sandy Clay Loam Till		_5 5	0.9 B	32			
	_	-5 0	- B				
	672.1						
		2	0.5				
	_	3	P				
	_						
		- 2					
	_	2	0.8	17			
End of Boring	668.1	-10 3	В				
End of Boring		\dashv					
	_						
		_					
		\dashv				•	
	_	_					
		-15					
	_	_					
		-					
	_	-15					
	_	\dashv					
		\dashv					

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

FILE NAME =	USER NAME = keysrb	DESIGNED -	REVISED -		SOIL BORING LOGS PROPOSED CULVERT NO. 2 — S.N. 023–2018			SECTION	COUNTY TOTAL SHEET SHEETS NO.
c:\pw_work\pwidot\keysrb\d0104347\D5706	8-sht-details.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS				14BR.14CR.123CR	EDGAR 115 28
	PLOT SCALE = 40.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION				· · ·	CONTRACT NO. 70618
	PLOT DATE = 8/25/2011	DATE -	REVISED -		SCALE:	SHEET NO. 5 OF 5 SHEETS STA. TO STA.		ILLINOIS FED. AI	D PROJECT