

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1087	106T-1	STEPHENSON	78	43
FED. ROAD DIST. NO. 2		BILLINGS	FED. AID PROJECT	

Contract # 64C84



Illinois Department of Transportation  
Division of Highways  
DOT

SOIL BORING LOG

Page 1 of 2

Date 7/19/00

ROUTE FAS 1087 (IL 73) DESCRIPTION P-92-060-97 Culvert 1.6 miles north of McConnell Road, 1.0 mile south of Nora Road LOGGED BY C. Jenkins  
SECTION 106 RS-4 LOCATION Waddams Twp. - NE, SEC. 3, TWP. 28N, RNG. 6E  
COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O S	U C S	M O I S T
966 + 62					Dry 92.0				
B-1b 967 + 03					78.0				
11.00ft Rf CL					Wash				
100.0									
MEDIUM brown SILTY LOAM with GRAVEL			0.7	12	MEDIUM gray weathered LIMESTONE (continued)	79.00			
			P						
98.00		3							
MEDIUM brown/tan SILT LOAM		3	0.9	26	MEDIUM gray weathered LIMESTONE with SOIL lens				
		4	P						
96.50									
STIFF black SILTY LOAM					VERY STIFF brown CLAY	74.00			
		2							
94.00		3	1.2	31					
		4	P						
MEDIUM gray/tan SILTY CLAY					MEDIUM gray fine grained SAND				
		1			Begin first wash				
91.50		2	0.7	30					
		3	B						
MEDIUM gray with rust SILTY LOAM					STIFF brown SILTY CLAY	69.00			
		1							
89.00		1	0.6	28					
		3	B						
MEDIUM blue SILTY CLAY					Wash				
		0			STIFF brown SILTY CLAY	66.50			
86.50		1	0.6	33					
		2	B						
MEDIUM blue/gray SILT LOAM					Wash				
		0			STIFF brown SILTY CLAY	64.00			
84.00		2	0.8	27					
		3	B						
SOFT gray SILT					Wash				
		0			VERY STIFF brown SILTY CLAY	61.50			
81.00		1	0.4	32					
		2	B						

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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966 + 62					Dry 92.0				
B-1b 967 + 03					78.0				
11.00ft Rf CL					Wash				
100.0									
Wash									
STIFF gray SILTY LOAM (continued)					59.00				
		4							
		5	1.5	27					
		7	P						
Wash									
MEDIUM gray SILT									
		0							
56.50		1	0.7	28					
		3	P						
End of Boring									

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)

DESIGNED -	ASP
CHECKED -	WSP
DRAWN -	BEM
CHECKED -	ASP

**BORING LOG**  
**F.A.S. 1087 IL. RTE. 73 OVER**  
**UNAMED TRIBUTARY TO PECATONICA RIVER**  
**SECTION 106T-1**  
**STEPHENSON COUNTY**  
**STATION 966+60.00**  
**STRUCTURE NO. 089-1109**