



Illinois Department of Transportation  
Division of Highways  
Illinois Department of Transportation

**SOIL BORING LOG**

Page 1 of 1

Date 2/3/09

ROUTE FAI 70 DESCRIPTION Overhead Sign Foundation LOGGED BY Terra Drill

SECTION 60-15,6,7/RS, 60-16,7/BR LOCATION Black Lane, SEC. 36, TWP. 3N, RNG. 9W

COUNTY Madison DRILLING METHOD CME 55 LCHSA HAMMER TYPE Automatic

STRUCT. NO. Station	BORING NO. Station	Ground Surface Elev. ft	D (ft)	B (6")	U (tsf)	M (%)	Surface Water Elev.		D E L T		B L C S		U C S		M O I S		
							ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
850601055R008.8 392+10	B-1 392+30	100.00															
FILL: Grayish brown silty clay (A-7)																	
Offset of boring in-line with structure.																	
		97.00															
FILL: Brown and gray silt (A-4)																	
		84.50															
FILL: Grayish brown, clayey silt, trace to some sand (A-4)																	
		92.00															
SILT: Grayish brown and brown (A-4)																	
		89.50															
CLAY: Gray, trace sand (A-7)																	
		87.00															
SILTY CLAY: Grayish brown and brown, some sand (A-7)																	
		84.50															
SILTY SAND: Grayish brown, fine (A-2)																	
WH = Weight of Hammer																	
		63.00															
SAND: Brown, fine to medium, trace fine gravel (A-3)																	
		60.00															

Boring terminated at 40.0 feet.  
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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Page 1 of 1

Date 2/3/09

ROUTE FAI 70 DESCRIPTION Overhead Sign Foundation LOGGED BY Terra Drill

SECTION 60-15,6,7/RS, 60-16,7/BR LOCATION IL Route 157, SEC. 29, TWP. 3N, RNG. 8W

COUNTY Madison DRILLING METHOD CME 55 LCHSA HAMMER TYPE Automatic

STRUCT. NO. Station	BORING NO. Station	Ground Surface Elev. ft	D (ft)	B (6")	U (tsf)	M (%)	Surface Water Elev.		D E L T		B L C S		U C S		M O I S		
							ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
850601055R010.9 501+78	B-2 501+98	100.00															
FILL: Brown silt, trace to some sand (A-4)																	
Offset of boring in-line with structure.																	
		97.00															
SILT: Brown, trace to some sand (A-4)																	
		94.50															
SILTY CLAY: Brown (A-6)																	
		92.00															
SILT: Brown (A-4)																	
		89.50															
CLAY: Reddish brown and gray, some sand (A-7)																	
		87.00															
CLAYEY SILT: Grayish brown (A-4)																	
		84.50															
SAND: Brown, fine (A-3)																	
		63.00															
		60.00															

Boring terminated at 40.0 feet.  
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 = keplarc1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pv\work\PWIDOT\KEPLARCL\d0133215\d87	8056-shr-biog.dgn	DRAWN -	REVISED -			70	60-15,6,7/RS, 60-16,7/BR	Madison	185	164
PLOT SCALE = 1:80000 ' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76056				
PLOT DATE = 10/13/2009		DATE -	REVISED -			SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT