Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 91305

ROUTE FAI 70 DESCRIPTION Sign Truss on I-55/70 Northbound, Exit to IL 162 LOGGED BY M. Amaro

SECTION 60-(7,8,9,10)RS LOCATION NW 14, SEC. 8, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO.
Station

BORING NO. 1R
Station 1368+72
Offset 35.00ft Left
Ground Surface Elev. 98.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 81.0 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Silty LOAM			4		
			6	2.3	18
			7	S20	
		-5	2		
			2	1.5	31
			2	S10	
	91.0				
Gray and Brown Silty CLAY			1		
			1	0.5	35
			2	S10	
		-10	2		
			2	0.7	31
			3	S10	
	86.0				
Brown Silty LOAM			1		
			3	2.17	29
			3	S20	
		-15	1		
			1	1.6	32
			2	S20	
	81.0 ▼				
Gray Silty CLAY			1		
			2	1.9	28
			3	S20	
		-20	0		
Gray Silty CLAY (continued)			0	0.2	30
	77.0		3	S10	
End of Boring					
Assummed Elev. at CL = 100.0 ft					
Offset and Elevation: Use the CL of the NB I-55/70 Roadway		-25			
		-30			
		-35			
		-40			

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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Date 91305

ROUTE FAI 70 DESCRIPTION Sign Truss on I-55/70 Northbound, Exit to IL 162 LOGGED BY M. Amaro

SECTION 60-(7,8,9,10)RS LOCATION NW 14, SEC. 8, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO.
Station

BORING NO. 1L
Station 1368+72
Offset 32.00ft Right
Ground Surface Elev. 98.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 78.0 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray and Brown Silty Clay LOAM			4		
			6	2.9	26
			7	S20	
		-5	2		
			3	1.4	28
			3	S20	
	91.0				
Gray and Brown Silty LOAM			1		
			2	1.5	28
			4	S20	
		-10	2		
			3	2.4	28
			3	S15	
	86.0				
Gray Silty CLAY			1		
			3	2.3	31
			4	S20	
		-15	0		
			2	0.65	35
			2	S20	
			0		
			1	0.7	26
			2	S15	
		▼20	0		
Gray Silty CLAY (continued)			3	0.98	27
	77.0		4	S20	
End of Boring					
Assummed Elev. at CL = 100.0 ft					
Offset and Elevation: Use the CL of the NB I-55/70 Roadway		-25			
		-30			
		-35			
		-40			

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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SOIL BORING LOG

▼

• 60-(7,8,9,10)RS, 60-(8,9,10)BR

FILE NAME = c:\pw_work\PWIDOT\KEPLARCL\dms71082\d876a73-blog.dgn	USER NAME = keplarcl	DESIGNED - ___	REVISED - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.I. RTE. 70	SECTION _____•_____	COUNTY MADISON	TOTAL SHEETS 150	SHEET NO. 120
		DRAWN - ___	REVISED - ___					CONTRACT NO. 76873		
	PLOT SCALE = 1.0000 ' / IN.	CHECKED - ___	REVISED - ___							
	PLOT DATE = 6/23/2009	DATE - _____	REVISED - ___		SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		