



Illinois Department  
of Transportation  
Division of Highways  
1007

# SOIL BORING LOG

Page 1 of 1

Date 9/29/10

ROUTE Lynch Road DESCRIPTION Mast Arm on Lynch Rd. SB at I-74 Interchange LOGGED BY CNA

SECTION Sign Structure LOCATION SE, SEC. 7, TWP. 19N, RNG. 10W, 1st PM GPS

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 5 C 092 1074  
R022.24  
 Station 339+00

BORING NO. 4 Cantilever  
 Station 339+10  
 Offset 25.0 ft Rt.  
 Ground Surface Elev. 659.3 ft

D	B	U	M	Surface Water Elev.	D	B	U	M
E	L	C	O	ft	E	L	C	O
P	O	S	I	Stream Bed Elev.	P	O	S	I
T	W	S	S	ft	T	W	S	S
H	S	Qu	T	Groundwater Elev.:	H	S	Qu	T
				First Encounter				
				Upon Completion				
				After				
(ft)	(6")	(taf)	(%)	Hrs.	(ft)	(6")	(taf)	(%)

Aggregate Shoulder								
	558.3							
Black Silty Clay						7		
	657.3					15	5.2	8
Brown Mottled Silty Clay						15	S	
		2				6		
		2	1.0	32		7	4.4	10
		4	B			12	S	
Brown to Gray Mottled Oxidized Silt to Dense Fine Sand	654.3				634.3			
		1						
		2		23				
		3						
		1						
		2						
		2						
		-10						
	648.3							
Brown Clay Loam Till to Sand Loam Till		2						
		5	2.3	17				
		11	B					
		2						
		6	0.9	13				
		12	B					
		2						
		7						
		10						
	640.3	6						
Gray Sandy Clay Loam Till		11						
		22						

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 T208)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwwork\pwwork\bucklesjj\08241273\054140-sht-blog.dgn	PLOT SCALE = 40.0000' / 1" IN.	DRAWN -	REVISED -			74	.	VERMILION	39	32	
	PLOT DATE = 10/29/2010	CHECKED -	REVISED -			CONTRACT NO. 46140					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

#0-5 OVD SIN STR REPL 2011-17

SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. TO STA.