

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
District 4

SOIL BORING LOG

Page 1 of 1

Date 4/2008

ROUTE SH 16A DESCRIPTION SH 16A (Old IL 18, Cross Circle) over a Tributary to Great Creek LOGGED BY M. Tappan

SECTION _____ LOCATION NE 1/4, SEC. 8, TWP. 2 S N, R. 4 W, S PM

COUNTY Montgomery DRILLING METHOD _____ EHA _____ HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	DEPTH	SOIL TYPE	WATER	REMARKS	DEPTH	SOIL TYPE	WATER	REMARKS
068-7080 Pr	66+88 +/-								
1 SE Corner	66+88								
14.08.14									
668.5									
Light Brown and Gray Moist SILTY LOAM to Grayish Brown Moist SILTY CLAY		1							
		2	1.1	17					
		3	B						
668.80									
Grayish Brown Moist CLAY LOAM (TII)		4							
		5	1.2	14					
		6	S-10						
		1							
		5	2.2	17					
		6	B						
		1							
		3	1.0	13					
		4	B						
		1							
		2	0.6	19					
		2	B						
665.80									
Light Blue Gray and Brown Moist CLAY (TII)		4							
		6	4.6	17					
		10	S-12						
		1							
		4	4.2	16					
		9	B						
		2							
		5	4.0	16					
		10	B						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (S-Beige, S-Shear, P-Penetrometer, E-Estimated)
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Sealing
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586, from 137 (Rev. 8-99))

LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois Designed By: ADB Checked By: MTH Date: 12/2008 Drawn By: TBP File: 068-7030.dgn	SHEET NO. 3 3 SHEETS	S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		16A	(21[FR#1])ACB	MONTGOMERY	20	15
		CONTRACT NO. 72B73 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				