



Illinois Department  
of Transportation  
Division of Highways  
District 6

### SOIL BORING LOG

Page 1 of 1

Date 9/26/07

ROUTE FAS 1613 DESCRIPTION Old US 36 over a tributary to Little Spring Creek,  
(Old US 36) 1.2 Miles East of New Berlin LOGGED BY M. Tappan  
SECTION 23B LOCATION SE 1/4, SEC. 21, TWP. 15 N, RNG. 7 W, 3 PM  
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 084-7052 Ex D E L C M  
Station 639+70 +/- P O S I  
BORING NO. 1 H S Qu T  
Station 639+90 H S Qu T  
Offset 10.0ft Lt  
Ground Surface Elev. 637.6 ft (ft) /6" (1st) (%)

Surface Water Elev. 631.6 ft D E L C M  
Stream Bed Elev. 631.6 ft P O S I  
Groundwater Elev.:  
First Encounter No Encounter ft H S Qu T  
Upon Completion Dry ft  
After      Hrs. ft (ft) /6" (1st) (%)

Black Moist SILTY CLAY (Till)	0				CLAY LOAM (Till) (continued)				
	1	0.6	36		Olive Brown and Grey Dry CLAY LOAM (Till)	4			
	1	B			Broken Sample	16	+4.5	9	
					Refer STA to STA 640+00 Stamped In Pavement, STA Increase to West	29	P		
w/ Limestone Cobble	0				Refer Elevation to BM#102, Chisled Square on SW Corner = 638.8'				
	5	0.5	35						
V. Dark Grey Moist SILTY CLAY	-5	B							
	0								
	1	0.4	34						
	1	B							
Dark Grey	0								
	2	0.8	30						
	-10	B							
Olive Brown and Light Blue Grey Moist SILTY CLAY (Till)	0								
	1	0.6	28						
	2	B							
	0								
	1	0.6	27						
	-15	B							
CLAY LOAM (Till)	0								
	1								
Grey Moist CLAY LOAM (Till)	3	2.8	12						
	5	B							
	2								
Olive Brown and Grey	14	3.3	12						
	-20	B							

File Name: \\S:\SOILS\GINT FILES\SANGAMON\084-7052 OLD US 36 1.2 MILES EAST OF NEW BERLIN.GPJ Data Template: 08TBM1.GDT Date Printed: 10/2/07  
Latitude: 39 Deg 43.581 N Longitude: 89 Deg 52.624 W Datum: NAD83 Job Number: 084-7052-13-07

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, 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 Seating  
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	-
CHECKED	-
DRAWN	-
CHECKED	-

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
F.A.S. 1613	23B	SANGAMON	13	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract # 72B44

**BORINGS**  
**OLD U.S. 136 OVER UNNAMED**  
**TRIBUTARY OF SPRING CREEK**  
**F.A.S. ROUTE 1613 - SECTION 23B**  
**SANGAMON COUNTY**  
**STA. 639+70.00**  
**S.N. 084-7132**