



Illinois Department of Transportation
Division of Highways
ILLINOISDOT

SOIL BORING LOG

Date 1/31/12

ROUTE FAP 95 (IL 33) DESCRIPTION Box Culvert - Un-named Stream LOGGED BY E. Sandschafer
SECTION (5,6)Y,RS-2,6BR-7 LOCATION NW, SEC. 2, TWP. 6 N, RNG. 9 E, 3 PM
COUNTY Jasper DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 040-8645 (old 8604)
Station 1271+64
BORING NO. 1 (East)
Station 1271+86
Offset 9.0ft Lt
Ground Surface Elev. 520.51 ft

Surface Water Elev.	<u>510.86</u> ft
Stream Bed Elev.	<u>510.56</u> ft
Groundwater Elev.:	
<u>X</u> First Encounter	<u>Dry</u> ft
<u>X</u> Upon Completion	<u>Dry</u> ft
<u>X</u> After <u>24</u> Hrs.	<u>Dry</u> ft

D E P T H	B L O W S	U C S	M O I S T Q u
(ft)	/ft	(tsf)	(%)

9.75" asphalt on 6.25" concrete pavement.				
519.21				
Medium, damp, brown, LOAM.				
2				
1	0.7		17	
2	S			
-6				
1				
515.01				
3	3.1		13	
8	B			
14				
42			12	
50/4"				
50				
50/2"			7	
50/1"				
508.51				
50				
50/2"			7	
50/1"				
506.01				
506.81				
15	*		5	

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 Sealing
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)

FIG. NAME: 040-8645 (OLD 8604) SOIL BORING LOG (SHEET 1 OF 4)
 DATE: 1/31/12
 DRAWN BY: HAS
 CHECKED BY: ELH
 USER: HAS

▲ SHEET ADDED 2/22/12



USER NAME = HAS
ESCA PROJECT NO. 1078.03
PLOT SCALE = 0:2" = 1' / IN.
PLOT DATE = 2/13/2012 7:55:25 AM

DESIGNED - ELH 02/12	REVISED -
CHECKED - RDP 02/12	REVISED -
DRAWN - HAS 02/12	REVISED -
CHECKED - ELH 02/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOG
STRUCTURE NO. 040-8645

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	(5,6)Y,RS-2,6BR-7	JASPER	546	2731
			CONTRACT NO. 94437	
ILLINOIS FED. AID PROJECT				