



Illinois Department of Transportation
Division of Highways
District 5

SOIL BORING LOG

Page 1 of 2

Date 6/11/08

ROUTE FAP 614 DESCRIPTION IL-78 Over Panther Creek Overflow LOGGED BY M. Tappan

SECTION 144(B-4) LOCATION NW 1/4, SEC. 6, TWP. 18N, RNG. 9W, 4 PM

COUNTY Cass DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 009-2511 Station 992+03
BORING NO. 1 NE WW Station 991+76 Offset 15.0ft Lt
Ground Surface Elev. 467.6 ft

SOIL DESCRIPTION	DEPTH (ft)	DIAMETER (in)	UNCONSOLIDATED	MOISTURE (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After 5 Days Hrs.	DEPTH (ft)	DIAMETER (in)	UNCONSOLIDATED	MOISTURE (%)
Dark Gray moist SILTY CLAY LOAM (Fill) No Recovery, WOH	0				460.1	459.5					2			
	0										1			
	0										5			
	0										5			
Gray very moist SILTY CLAY LOAM (Fill)	0										6			
	0	0.3	26								9			
	1	B									10			
460.60	0													
Light Brown and Gray moist SILTY CLAY LOAM	0	0.3	30											
	0	B									1			
	1	0.5	22								6			
	1	B									9			
455.60	0													
Tan Medium wet SAND	1													
	2													
	0										19			
Tan Fine Dirty SAND with some Loam seams Free Water	0										26			
	1										45			
	0													
Tan Fine Clean SAND	0													
	1										430.10			
	2													
Tan Medium SAND	1										8	3.7	21	
	20										40			

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)

File Name: S:\SOILS\GINT\IL-78 OVER PANTHER CREEK OVERFLOW\G21 Data Template\BOTTLENECK\DOT Data Printed 6/11/08
Latitude: 40.2633N Longitude: 90.8491W Datum: NAD83 Job Number: D-66-011-08



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	0				460.1	459.5					2			
	0										1			
	0										5			
	0										5			
	0										6			
	0	0.3	26								9			
	1	B									10			
460.60	0													
Light Brown and Gray moist SILTY CLAY LOAM	0	0.3	30											
	0	B									1			
	1	0.5	22								6			
	1	B									9			
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Tan Medium wet SAND	1													
	2													
	0										19			
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FILE NAME =	USER NAME = sparksgw	DESIGNED - GB	REVISED -
c:\pw\work\pwidot\sparksgw\0279951\0092511-72B55-008-BOR.dgn		CHECKED - MCB	REVISED -
	PLOT SCALE = 0:2.000000 '1' / in.	DRAWN - MML	REVISED -
CB PROJECT NO. 07048-14	PLOT DATE = Sep-01-2011 06:58:37AM	CHECKED - MCB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 009-2511

SHEET NO. 8 OF 9 SHEETS

CB Coombe-Bloxdorf P.C.
- CIVIL ENGINEERS -
- STRUCTURAL ENGINEERS -
- LAND SURVEYORS -
Design Firm License No. 184-002703

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	144(B-4)	CASS	97	52
CONTRACT NO. 72B55				
ILLINOIS FED. AID PROJECT				