

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 95	*	JASPER	546	273
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

\*(5,6)Y, RS-2, 6BR-7  
Contract #94437



SOIL BORING LOG

Page 1 of 1

Date 10/6/04

ROUTE FAP 95 (IL 33) DESCRIPTION Culverts on IL 33 between Effingham and Newton LOGGED BY Bossier/Kinsella

SECTION (5,6)Y, RS-2, 6BR-7 LOCATION SEC. 33, TWP. 7 N, RNG. 9 E, 3 PM

COUNTY Jasper DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	N/A	D	B	U	M	Surface Water Elev.	N/A	ft
Station	N/A	E	L	C	O	Stream Bed Elev.	N/A	ft
BORING NO.	9	P	O	S	I	Groundwater Elev.:		
Station	1178+48	T	W	Qu	T	First Encounter	Dry	ft
Offset	47.00ft Lt	H	S			Upon Completion	Dry	ft
Ground Surface Elev.	550.60	(ft)	(/6")	(tsf)	(%)	After	N/A	ft

Very dark, gray, SILTY CLAY.								
	1							
	3	0.9	22.9					
	4	B						
	2							
	2	1.1	23.9					
	3	B						
Gray below 5 feet.								
	1							
	2	1.1	21.5					
	4	B						
Gray brown, CLAY.								
	2							
	2	0.6	13.5					
	2	B						
Dark gray/brown below 10.5'.								
	4							
	11	1.7	8.1					
	17	B						
Gray, SANDY LOAM.								
	3							
End of boring.								
	3							
	50/5"		9.3					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)  
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)



SOIL BORING LOG

Page 1 of 1

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COUNTY Jasper DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	N/A	D	B	U	M	Surface Water Elev.	N/A	ft
Station	N/A	E	L	C	O	Stream Bed Elev.	N/A	ft
BORING NO.	10	P	O	S	I	Groundwater Elev.:		
Station	1178+00	T	W	Qu	T	First Encounter	Dry	ft
Offset	22.00ft Rt	H	S			Upon Completion	540.2	ft
Ground Surface Elev.	553.00	(ft)	(/6")	(tsf)	(%)	After	N/A	ft

Dark gray/brown, SILTY CLAY LOAM, fill.								
	1							
	2	0.6	22.1					
	3	B						
	6							
	13							12.5
	18							
Dark gray/brown, SILTY CLAY.								
	1							
	2	1.5	29.2					
	4	B						
	5							
	17							8.6
	25	50/5"						
Gray/brown, SILTY CLAY LOAM.								
	1							
	2	1.4	26.3					
	3	B						
Gray/brown, SILTY CLAY. LL=36, PL=13, PI=23								
	1							
	2	1.3	26.1					
	3	B						
Dark gray/brown below 10.5 feet.								
	1							
	2	1.0	22.6					
	3	B						
Dark gray/brown, SILTY CLAY LOAM.								
	1							
	11	1.2	8.3					
	23	S						
Gray, SANDY LOAM.								
	8							
	22		10.7					
	34							
Gray, highly weathered, SILTSTONE.								
	3							
	22		11.4					
	30							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)  
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)

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

F.A.P. 95 (IL RTE 33) OVER DRAINAGE DITCH  
SECTION (5,6)Y, RS-2, 6BR-7  
STA. 1178+20.00  
JASPER COUNTY  
S.N. 040-2011

SCALE: VERT.  
HORIZ.

DRAWN BY: LANDREY  
DESIGNED BY: SANFORD  
CHECKED BY: IRELLLO

REVISIONS	NAME	DATE

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEERS  
REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEERS  
REGISTERED PROFESSIONAL SURVEYORS  
1015 W. 40th St., Springfield, IL 62761  
Tel: 217-223-1111 Fax: 217-223-1112

COMPUTER FILE NO.  
012561.00  
PROJECT 01256  
3/11/10-MDS

FILE NAME = I:\0256\DRAININGS\1040-20\012561.00.dgn  
PLOT SCALE = 5/8" = 1'-0"  
PLOT DATE = 3/17/2010  
PLOT TIME = 5:29:56 PM  
OPERATOR = FRANKY