

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

Date 5/29/09

ROUTE FAP 10 DESCRIPTION IL 267 over Bear Creek LOGGED BY KEG
SECTION 3B-1 LOCATION SEC. 9, TWP. 11N, RNG. 10W
COUNTY Greene DRILLING METHOD CME 55 LC/HSA HAMMER TYPE Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O D E	Surface Water Elev. ft	D E P T H	B L O W S	U C S	M O D E
031-0044 222+94					563.41				
B-2 222+10 12.00ft RI					563.5				
Ground Surface Elev. 580.00									
ASPHALT - 6 inches					579.50				
CRUSHED ROCK - 6 inches					579.00				
CRUSHED ROCK & ASPHALT									
	6	-							
	2								
	2								
					577.00				
FILL: Grayish brown and brown, low plastic silty clay, trace to some sand (A-6)									
	2								
	3	1.9							
	3	S/15							
FILL: Brown, high plastic, some sand (A-7)									
	-5								
Becomes dark brown									
	1								
	2	1.6							
	3	B							
					572.00				
FILL: Brown, low plastic sandy clay (A-6)									
	8								
	8	3.8							
	4	S/10							
	-10								
					569.50				
SILTY CLAY: Dark brown, low plastic, trace to some sand (A-6)									
	2	0.3							
	2	S/15							
					567.00				
SILTY CLAY: Grayish brown and brown, low plastic, trace to some sand (A-7)									
	2								
	3	1.7							
	4	B							
	-15								
					564.50				
CLAYEY SAND: Brown, fine to medium (A-2)									
	1								
	2	0.3							
	1	P							
					561.50				
CLAY: Brown, high plastic (A-7)									
	2								
	5	3.6							
	6	B							
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



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031-0044 222+94					563.41				
B-2 222+10 12.00ft RI					563.5				
Ground Surface Elev. 580.00									
CLAYEY SHALE: Brown and bluish gray (continued)									
	2								
	3	3.0							
	4	B							
Becomes gray									
	6								
	9	2.5							
	13	S/15							
	-45								
	22								
	32	4.5							
	50/5"	P							
	-65								
					513.00				
SHALE: Gray									
Becomes brown and olive gray									
	9								
	13	3.0							
	41	S/10							
	-50								
					510.95				
Boring terminated at 69.1 ft.									
	50/5"								
	50/3"								
	-70								
Becomes purplish gray									
	3								
	15	3.6							
	17	S/15							
	-55								
Becomes gray									
	21								
	50	4.5							
		P							
	-60								

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DESIGNED: K-E-G DRAWN: SJS
CHECKED: DCD CHECKED: DCD

SOIL BORINGS (2 OF 2)
STRUCTURE NO. 031-0044

SHEET 20 OF 20	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10	3B-1	GREENE	59	45
	STA. 222+94.00		CONTRACT NO. 76C15		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			