



### SOIL BORING LOG

Page 1 of 2  
Date 8/28/06

ROUTE FAP 328 (US 45) DESCRIPTION Buck Creek LOGGED BY E. Sandschafer  
SECTION (6BR-2)B-1 LOCATION Sec 10 - NE 1/4, Sec 11 - NW 1/4, SEC., TWP. 3 N, RNG. 6 E, 3 PM  
COUNTY Clay DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	Station	DEPTH	DESCRIPTION	DEPTH	DESCRIPTION
013-0012	1510+00		Surface Water Elev. 454.69 ft		
			Stream Bed Elev. 453.76 ft		
BORING NO. 2	Station 1509+47		Groundwater Elev.:		
	Offset 10.00ft Lt		First Encounter 416.9 ft		
	Ground Surface Elev. 466.39 ft		Upon Completion 459.4 ft		
			After 72 Hrs. 458.5 ft		
			Very stiff, damp, gray, CLAY TILL w trace organics. (continued)		
		3		6	2.8 16
		4		10	B
		3		4	
		4		6	3.6 15
				10	B
		5		26	5
		4		6	3.8 15
				9	B
		0		439.39	
		0		0	0.9 19
		0		0	PP
		12		-30	3
		1		6	2.7 19
		2		8	B
		1		2	
		6		4	1.2 18
		10		6	B
		8		-35	2
		11		4	
		14		6	
		13			
		13			
		13			
		3		-40	2

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, from 137 (Rev. 8-99)



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		3		3	1.2 19
		5		5	B
		4		4	
		7		7	1.6 21
		12		12	S
		4		4	
		50/3"		50/3"	
		50/3"		50/3"	26
		50/2"		50/2"	
		50		50	
		50		50	
		55		55	
		60		60	

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BBS, from 137 (Rev. 8-99)

Latitude N 38 deg 43.305 min, Longitude W 86 deg 33.483 min, Map Datum NAD83 84

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	11/06
DRAWN BY:	KAH	11/06
CHECKED BY:	ELH	11/06
APPROVED BY:	RDP	11/06

**BORING LOGS**  
**US ROUTE 45 OVER**  
**BUCK CREEK**  
**FAP RTE 328-SECTION (6BR-2)B-1**  
**CLAY COUNTY**  
**STATION 1510+13.00**  
**STRUCTURE NO. 013-0041**