

## **SOIL BORING LOG**

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Date \_\_12/15/11\_

ROUTE	C. H. 11	DESCRIPTION			ı	PTB	155-45 W. O. 16 - Slo	_ LOGG	ED BY _	SCI	
SECTION _	N/A		_ ι	OCAT	ION _	Dunca	n Mills, Illinois, <b>SEC.</b> 8	, TWP. 4N, RN	<b>G.</b> 3E,		
COUNTY	Fulton DRII	LING	ME	THOD			de,Longitude ME 750 w/HSA	HAMMER T	YPF	AUTC	)
	<u> </u>						I				
STRUCT. NO Station		_	D	B	U	M	Surface Water Elev. Stream Bed Elev.	N/A N/A	ft #		
		_	P	0	s	ı		N/A			
BORING NO.	B-05 16+14.22	_	T H	W S	Qu	S	Groundwater Elev.: First Encounter	N/A	ft		
Offset	20.9 ft RT	_	(54)	//CII)	4-6	(0/)	Upon Completion	N/A	ft		
Ground Sur		_ ft	(ft)	(/6")	(tsf)	(%)	After N/A Hrs.	N/A	ft		
organics and	Brown, with fine sand		_								
(A-6) With sand	stone fragments			5							
VVIIII Sana	stone nagments			7 4		34					
			_								
				1							
	4	70.77		1		19					
SANDSTONE	_	70.27	-5	50/5"							
Auger refusal Borehole con	tinued with rock		_								
coring.			_								
			_								
			-10								
			_								
			-15								
			_								
			_	1	1						

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)



## **ROCK CORE LOG**

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Date 12/15/11

ROUTE	C. H. 11	DESCRIPTION	PTB 155-45 V	V. O. 16 - Slope Fa	ailure		_ LO	GGED	вү	SCI
SECTION	N/A	LOCATION	Duncan Mills, III		P. 4N, I	RNG	.3E,			
COUNTY	Fulton C	CORING METHOD R		diamond bit		_	R E	R	CORE	S T
STRUCT. NO. Station	N/A N/A		EL TYPE & SIZE		D	C O	0 0 0	Q Q	T I M	R E N
BORING NO. Station	B-05 16+14.22	Core Diamete Top of Rock I Begin Core E	Elev. <u>470.77</u>	ft	P T H	R E	E R Y	D	Ē	G T H
Offset	20.9 ft RT ace Elev. 475.27	7 4				(#)	(%)	(%)	(min/ft)	(tsf)
	RUBBLE - 5 inches			470.27	1` '	1	100	62	(11111/111/	(131)
N		noderately weathered, t	hinly bedded		-		100	02		
6' 7.5" - thin co	oal seam				$\exists$					
					-					
1 -	sandstone gravel - 2									
9' 6" - 1/4" blac	ck shale seam									
VOLIVEE L CEV	Y:_Light gray LE:_Light gray				-10	2	100	90		
	3 3 3 4				$\Box$					
					$\dashv$					
					$\Box$					
Becomes g	ray				-					
					=					
					-15					
			· <b>_</b>	459.77	-	3	100	85		
SHALE: Dark	gray, weathered				_					
					$\exists$					
17' 6" - coal se					4					
17' 9.5" - coal	seam									
					-					
19' 10.5" - coa					-20					
19' 11" - coal s End of Boring	eall			454.85	- +					
					ᆿ					
					-					
					二					
					4					
					$\exists$					
					-25					

Color pictures of the cores	Yes						
Cores will be stored for examination until							

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

FILE NAME =	USER NAME = aubreygs	DESIGNED -	REVISED -							F.A.P RTF	SECTION	COUNTY	TOTAL	SHEE
BROING FILE-sheets .dgn		DRAWN -	REVISED -	STATE OF ILLINOIS			SOIL BORINGS LOG			317	(19)[	EUL TON	47	20
	PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION						311	(10/1	CONTRACT	NO (	58425
Default	PLOT DATE = 3/21/2013	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. AI	D PROJECT	.,,,,	UAZZ