

SOIL BORING - ROCK CORE LOG

CONTRACT NO. 64931				
F.A.P. (REV.)	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-595	540R	ROCK ISLAND	139	87
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT _____				



SOIL BORING LOG

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ROUTE FAP 308 DESCRIPTION P92-082-03 John Deere Road over IL 84, 3.25 m. W. of I-80 LOGGED BY W. Garza
SECTION 5 HD LOCATION Hampton Twp. - 32NE, SEC. , TWP. 18N, RNG. 1E
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	DEPTH H	B L O C K S Qu	L O S S Qu	U C S Qu	M O I S T ure	Surface Water Elev. _____ ft		Stream Bed Elev. _____ ft		Groundwater Elev.:	
						First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs. _____ ft	After _____ Hrs. _____ ft		
VERY SOFT brown dry SANDY LOAM				0.0							
MEDIUM dark gray SHALEY CLAY	614.50	3	4								
	613.00	7									
VERY DENSE dark gray SHALE		8	12								
	609.50	01									
Borehole continued with rock coring.											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Buige, 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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ROUTE FAP 308 DESCRIPTION P92-082-03 John Deere Road over IL 84, 3.25 m. W. of I-80 LOGGED BY W. Garza
SECTION 5 HB LOCATION Hampton Twp. - 32NE, SEC. , TWP. 18N, RNG. 1E
COUNTY Rock Island CORING METHOD _____

STRUCT. NO. Station	CORING BARREL TYPE & SIZE	DEPTH H	CORE RECOVERY	R E C O V E R Y	C O R E T I M E	S T R E N G T H	RECOVERY		RECOVERY
							(%)	(min/ft)	
	Core Diameter <u>1.5</u> in								
	Top of Rock Elev. <u>612.50</u> ft								
	Begin Core Elev. <u>609.50</u> ft								
	Ground Surface Elev. <u>617.0</u> ft								
	Shale: light gray, fragile and fissile, therefore lacking testable segments.		1	100	67	2			
	Shale: as above - 40% recovery suggests a balance composed of soft sand may have been washed out.		2	40	0	5			
	FAIR gray SHALE Shale: light to dark gray with "poker-chip" laminations.		3	100	0	3			
	End of Boring								

Color pictures of the cores _____
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)

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 BBS, form 138 (Rev. 8-99)