STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



Division of Highways District 6				D	ate	13/07
ROUTE FAP 506 (IL 96) DESCRIPTION IL 96 over Railroad Creek NW Abut		_ L0	OGGED	BY	M. Ta	opan
SECTION 123B-1 LOCATION _ NE 14, SEC. 32, TWP. 5N, RNG. 8W,	I PM					
COUNTY Hancock CORING METHOD Water			R	R	CORE	S T
STRUCT. NO. 034-0522 CORING BARREL TYPE & SIZE NO2WL	[n	C	C	i	T	R
Station 38+17 Core Diameter 2 in	Ē	ŏ	v		Й	Ň
BORING NO. 1 NW Abut Top of Rock Elev. 550.75 ft	P -	R	E	D	E	G
Station 37+65 Begin Core Elev. 550.55 ft	– h	6	Ϋ́	•		н
Offset 13.0ft RT Ground Surface Flev. 564.75 ft	(ft)	(#)	(%)	(%)	(min/ft)	(tsf)
Dk Gray Well Indurated Crystalline LIMESTONE		1	96	38		
Open Joints 2-12"	1	5				
Start Nock Core at 14.2 FT (continued)	-	-				
Gray V. Poorly Indurated Clayey SHALE 54	8.15					
interbedded w/Argilliceous LS seams		_				
Dk Gray Well Indurated Crystalline LIMESTONE	-	-				
Closed Joints 2-12" filled w/Gray Clayey Shale						
54	i.75					559.4
Dk Gray V. Weil Indurated Fossiliferous	-	2	94	92		
Open Joints 1-3'	-2	<u> </u>				
	-					
	_					
		-				576.9
	-	-				0/0.0
	_					
Dk Grav V Well Induceted Foreillferour	.95	<u> </u>	- 00	92		
Crystalline LIMESTONE w/interbedded chert seams	=					
Open Joints 1–3'	2	5				
Wenne 9 INUTE FAP 506 (IL 96) DESCRIPTION IECTION 1238-1 LOCATION NE 14, SEC, 32, TWP, BN, RNG SOUNTY Hencock CORING METHOD Water TRUCT, NO. 38400 38400 Station 39+17 Core Diameter 2, in TOP of Rock Elaw. BSD.55 ft Ground Surface Elaw. Bolt Rock Elaw. </td <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>	-					
	_		Date	447.6		
		-				
	-	-				
53	R 16					
Gray Well Indurated Clayey SHALE		4	94	83		
interbedded w/Crystalline LS Closed Joints >2"	-	1				
	_3	2				
	-	1				
	_					
		-				400 0
	-	-				436.2
53	1.35	1				
	-	1	1			

RQD is the ratio of the total length of sound core specimens >4" to total length of core run



407		AP 506 (IL 96) DESC		ROCK	CORE	LO) . LOG	iged by	Page <u>1</u> Date M.Ta	of 9/13/07 ppan
	SECTION COUNTY	1238-1 Hancock 0 0. 034-0522 38+17 38+17 10. 2 SE Abut 38+86 13.0h LT jurfsce Elev. 571.8 Well indurated Cryste Cryste	CORING METHOD War CORING METHOD War CORING BARREI Core Diameter Top of Rock El Begin Core Ele 5 ft alline LIMESTONE	ker L TYPE & SIZE lev	<u>NQ2WL</u> in ft ft ft	PM D E P T H (ft) 35 _20	C O R E (#)	R E C O Q V E D R · Y (%) (%) 77 58	CORE T I M E (min/ft)	S T R E N G T H (tsf)
	v/Closed . Some Inter	Joints 1–3' bedded Clayey Shale). 9 Seams		547		2	100 73		328.6
					542					618.2
9	Color pictu Cores will i The "Stren	res of the cores be stored for examina gth" column represer	Yes, On File stion until 5 Years aftv the uniacial compressi	er <u>Construction</u> ve strength of the	core sample	(ASTM	D-29	38)		
l										

	506 123B-1				HANCOCK	57	70			
ETS						CONTRACT	NO.	72	992	
			ILLINOIS	FED.	AI	D PROJECT				
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