

ROUTE FAP 510 (IL 95) DESCRIPTION IL 96 Proposed Slope Repair LOGGED BY M. Tappan
 SECTION 120 (I-6) LOCATION W 1/2, SEC. 31, TWP. 6 N, RNG. 8 W, 4 PM
 COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft	D E P T H	B L O W S	U C S	M O I S T	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. Plugged _____ ft
BORING NO. <u>2</u> Station <u>810+05</u> Offset <u>14.00ft Right</u> Ground Surface Elev. <u>590.8</u> ft					SHALE (continued)		17	S-14		
					Greyish Brown Weathered Poorly Indurated Clayey SHALE		3			
					Brown and Grey Weathered Poorly Indurated Clayey SHALE		8	3.5	17	
							13	B		
		2					20			
		3			Grey Moist Well Indurated CLAYEY SHALE		100		9	
		3			Poker Chipped Sample		15			
		1					100		6	
		2			Poker Chipped Sample		15			
		5					8			
		100					100			
		10	B.S.		Boring Completed		30	14		
		1			Station, Elevation Updated 08/20/04 MRM					
		1		0.5	20					
		3		B						
	0									
	577.30				Dark Grey Mottled CLAY Colluvium					
	575.80	1	0.3	30	SHALE					
		3	B		Grey and Tan V. Weathered Poorly Indurated Clayey SHALE					
		5	1.1	15						
		10	S-5							
		3								
		9	4.2	15						

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)

SOIL BORING LOG SHALL BE OPEN TO THE PUBLIC UNDER THE FOIA ACT

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BORING NO. <u>3</u> Station <u>810+95</u> Offset <u>13.00ft Right</u> Ground Surface Elev. <u>590.6</u> ft					SHALE (continued)		17	S-14		
					Greyish Brown Weathered Poorly Indurated Clayey SHALE		3			
					Brown and Grey Weathered Poorly Indurated Clayey SHALE		8	3.5	17	
							13	B		
		2					20			
		3			Grey Moist Well Indurated CLAYEY SHALE		100		9	
		3			Poker Chipped Sample		15			
		1					100		6	
		2			Poker Chipped Sample		15			
		5					8			
		100					100			
		10	B.S.		Boring Completed		30	14		
		1			Station, Elevation Updated 08/20/04 MRM					
		1		0.5	20					
		3		B						
	0									
	580.10				Boulders and Cobbles Pushed Augers					
	580.10				Abandoned Hole - Moved to Boring 3a					

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BORING NO. <u>3A</u> Station <u>811+00</u> Offset <u>15.00ft Right</u> Ground Surface Elev. <u>590.4</u> ft					SHALE (continued)		13	S-11		
					Greyish Brown Weathered Poorly Indurated Clayey SHALE		3			
					Brown and Grey Weathered Poorly Indurated Clayey SHALE		10	5.0	15	
							14	P		
		1					20			
		2			Grey Dry Moderately Indurated CLAYEY SHALE		100		7	
		3					13			
		1					20			
		2					15			
		3					8			
		2					100			
		1			Grey Moderately Indurated Argillaceous LIMESTONE		100			
		2			Boring Completed		30	13		
		2			Station, Elevation updated 08/20/04 MRM					
		1					567.40			
	2			Brown and Grey Moist CLAY Colluvium						
	3									
	0									
	15	1	0.4	22	SHALE					
	2		B		Grey and Tan Moist V. Weathered Poorly Indurated Clayey SHALE					
	1		1.5	16						
	5		S-12							
	3									
	9	3.3	14							

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SOIL BORINGS SHEET 2 OF 3
SCALE:	VERT. _____	DRAWN BY IDOT
DATE	HORIZ. _____	