

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation  
Division of Highways  
District 6

SOIL BORING LOG

Page 1 of 1

Date 12/29/10

ROUTE IL9/96 DESCRIPTION culvert over unnamed ditch LOGGED BY M. Tappan

SECTION 113B-4 LOCATION NW 1/4, SEC. 7, TWP. 7N, RNG. 7W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 034-2527	DEPT H	BULG	UCS	M O I S T	Surface Water Elev. 536.5 ft	DEPT H	BULG	UCS	M O I S T
Station 146+92	W S		Qu	T	Stream Bed Elev. 536.5 ft				
BORING NO. 1 NW VVV					Groundwater Elev.:				
Station 146+82					First Encounter 531.7 ft				
Offset 16.0R LT					Upon Completion 524.7 ft				
Ground Surface Elev. 540.7 ft					After Plugged ft				

Brown and Dk Gray Moist SILTY CLAY w/ Limestone Aggregate and Sand Seams (Fill)	1				Gravel Boring Complete				
	2	0.7	17						
	2	S-12							
V. Dark Gray Moist SILTY CLAY w/ Med Limestone Aggregate (Fill)	1								
	2	1.2	17						
	3	B							
535.20									
Brown Moist SANDY CLAY LOAM	1								
	2	1.2	14						
	3	S-9							
w/ Tan Moist Silty Shale Colluvium - Disturbed	1								
FREE WATER	2	1.0	15						
530.70	4	S-10							
Yellowish Brown Dry SILTY SHALE Colluvium - Disturbed	8								
	31		8						
	47								
527.70									
Tan Poorly Indurated Argillaceous LIMESTONE	35								
V. Weathered Colluvium	72								
	28 1/2"								
524.70									
Gray Med Dirty LIMESTONE Gravel	1								
	5								
	15								
	4								
Brown Med Sandy Gravel w/ 1" pieces of Angular Limestone	12								
520.70	5								

File Name: S:\SOILS\SOIL FILES\HANCOC\034-2527.GPJ Data Type: Data Description: DISTEMPRT.GDT Date Printed: 1/22/12 Location: 405 37 380N Longitude 91 D 14 701W Datum: NAD83 Job Number: 72862

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating 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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Station 146+92	W S		Qu	T	Stream Bed Elev. 536.5 ft				
BORING NO. 2 S WW					Groundwater Elev.:				
Station 146+90					First Encounter 529.6 ft				
Offset 17.0R RT					Upon Completion 525.1 ft				
Ground Surface Elev. 541.1 ft					After Plugged ft				

V. Dk Gray Moist SILTY CLAY w/ Coarse Angular Limestone Gravel (Fill)	1				Gravel Boring Complete				
	2	1.3	22						
	4	B							
Brown and V. Dk Gray	1								
	2	0.8	18						
	2	B							
535.60									
Brown and Gray Dirty Medium LIMESTONE Gravel	2								
	8								
	9								
Brown Dirty Med SAND w/ Coarse Angular Cherty Limestone Gravel	4								
	9								
	18								
FREE WATER	9								
	31								
	15								
521.10									
Brown Med Sandy Gravel w/ Coarse Angular Limestone Gravel	3								
	21								
	25								
	3								
	15								
	17								
	2								
	7								
	10								

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△ SHEET ADDED 2-28-2013

	USER NAME = #USER*	DESIGNED BLM	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS STRUCTURE NO. 034-2527	F.A.P. RTE. 685	SECTION 113 (B-4)	COUNTY HANCOCK	TOTAL SHEETS 62	SHEET NO. 40B
	PLOT SCALE = #SCALE*	DRAWN TJR	REVISED			SCALE: NTS	SHEET 9 OF 9 SHEETS	STA. 146+92.00	CONTRACT NO. 72B62	
	PLAT DATE = #DATE*	CHECKED JEK	REVISED							
		DATE 02-04-2013	REVISED							