

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.	STATION	DEPTH	BL	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	GROUNDWATER ELEV.	DEPTH	BL	UCS	MOIST
034-2527	146+92	(ft)	/6"	(tsf)	(%)	536.5 ft	536.5 ft	First Encounter	(ft)	/6"	(tsf)	(%)
								531.7 ft				
								524.7 ft				
								Plugged				
Brown and Dk Gray Moist SILTY CLAY w/ Limestone Aggregate and Sand Seams (Fill)												
		1										
		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										
		2	1.0	15								
		4	S-10									
	530.70											
FREE WATER												
		8										
		31		8								
		47										
	527.70											
Tan Poorly Indurated Argillaceous LIMESTONE												
		35										
		72										
		28/2"										
	-15											
	524.70											
Gray Med Dirty LIMESTONE Gravel												
		1										
		5										
		15										
		4										
		12										
		5										
	520.70											

File Name S:\SOILS\GINT FILES\HANCOCK\034-2527.GPJ Data Template DBTEMP.LT.GDT Date Printed 1/23/12 Latitude 40.37353N Longitude 91D 14.701W Datum NAD83 Job Number 72B62

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)



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.	STATION	DEPTH	BL	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	GROUNDWATER ELEV.	DEPTH	BL	UCS	MOIST
034-2527	146+92	(ft)	/6"	(tsf)	(%)	536.5 ft	536.5 ft	First Encounter	(ft)	/6"	(tsf)	(%)
								529.6 ft				
								525.1 ft				
								Plugged				
V. Dk Gray Moist SILTY CLAY w/ Coarse Angular Limestone Gravel (Fill)												
		1										
		2	1.3	22								
		4	B									
Brown and V. Dk Gray												
		1										
		2	0.8	18								
		2	B									
	535.80											
Brown and Gray Dirty Medium LIMESTONE Gravel												
		2										
		8										
		9										
		4										
		9										
		18										
	-10											
Brown Dirty Med SAND w/ Coarse Angular Cherty Limestone Gravel												
		9										
		31										
		15										
		3										
		21										
		25										
	-15											
	524.70											
Brown Med Sandy Gravel w/ Coarse Angular Limestone Gravel												
		3										
		15										
		17										
		2										
		7										
		10										
	521.10											

File Name S:\SOILS\GINT FILES\HANCOCK\034-2527.GPJ Data Template DBTEMP.LT.GDT Date Printed 1/23/12 Latitude 40.37353N Longitude 91D 14.690W Datum NAD83 Job Number 72B62

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)



USER NAME = *USER*	DESIGNED BLM	REVISED -
PLOT SCALE = *SCALE*	DRAWN TJR	REVISED -
PLOT DATE = *DATE*	CHECKED JEK	REVISED -
	DATE 02-04-2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NTS		SHEET 9 OF 9 SHEETS		STA. 146+92.00	
------------	--	---------------------	--	----------------	--

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	113 (B-4)	HANCOCK	62	45
CONTRACT NO. 72B62				
ILLINOIS FED. AID PROJECT				