

BORING LOGS

Page 1 of 1

Date 4/7/14

SOIL BORING LOG

ROUTE FAU 5789/FAU 5861 DESCRIPTION P92-017-09 IL 84 culvert, 1,000' N. of US 6 LOGGED BY W. Garza

SECTION 2R-1 LOCATION Colona Twp. - 14SW, SEC. , TWP. 17N, RNG. 1E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T T	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs. _____ ft	D E P T H S	B L O W S	U C S Qu	M O I S T T
-90.357703 41.458261 VERY SOFT light brown SILTY CLAY LOAM			0.2	23		586.60				21	39		
VERY SOFT tan SILTY LOAM	605.60	2								42	00/9"		
	604.10	3	0.1	16		584.10							
VERY SOFT light brown SILTY LOAM		1								-25			
	601.60	2	0.2	27									
VERY SOFT tan SANDY LOAM		0											
	599.10	2	0.1	24									
SOFT dark gray SILTY LOAM with ORGANICS		0								-30			
	596.10	2	0.3	41									
MEDIUM tan SANDY LOAM TILL		1											
	593.60	3	0.5	16									
LOOSE tan medium SAND with CLAY LOAM, bottom 6"		1								-35			
	591.10	3	0.8	25									
DENSE gray SHALE		10											
	589.10	12											
		26											
VERY DENSE gray SHALE		16								-40			

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)

Page 1 of 1

Date 4/15/14

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STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T T	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs. _____ ft	D E P T H S	B L O W S	U C S Qu	M O I S T T
-90.357497 41.458499 12" Asphalt Shoulder						584.10				4	2.3	19	
VERY STIFF gray LOAM TILL (continued)										7	B		
	603.10												
VERY STIFF tan SILTY LOAM		3								5			
	601.60	6	3.3	19						5			
										9			
STIFF/VERY STIFF tan SILTY CLAY LOAM		4								-25			
	599.10	4	2.0	23						4	3.1	22	
										8	B		
										11			
VERY STIFF gray SILTY CLAY LOAM		3											
	596.60	4	2.1	24						7			
										12			
										16			
STIFF gray SILTY LOAM		3								-30			
	594.10	4	1.6	21						11			
										15			
										11			
SOFT dark gray SILTY LOAM		2											
	591.60	2	0.3	26						14			
										00/10"			
MEDIUM dark gray LOAM		0								-35			
	589.10	2	0.9	24									
MEDIUM tan CLAY LOAM		4											
	586.10	2	0.7	27									
VERY STIFF gray LOAM TILL		2								-40			

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BBS, from 137 (Rev. 8-99)