



LOCATION NO.: 7-05
SOIL BORING LOG

Page 1 of 1

Date 5/18/05

ROUTE US 51 DESCRIPTION Mast Arm Foundation LOGGED BY E. Sandschafer

SECTION N/A LOCATION SEC. 9, TWP. 6 N, RNG. 1 E, 3 PM

COUNTY Favette DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. N/A
 Station

BORING NO. 2
 Station 55+48
 Offset 0.00ft
 Ground Surface Elev. 196.07 ft

D E P T H S	B L O W S	U C S Qu	M O I S T %	Surface Water Elev. N/A ft		D E P T H S	B L O W S	U C S Qu	M O I S T %
				Stream Bed Elev. N/A ft	Groundwater Elev.:				
(ft)	(/ft)	(tsf)	(%)	First Encounter	Upon Completion	(ft)	(/ft)	(tsf)	(%)
195.57						7	0.4	13	
194.57						8	S		
173.57	3					0			
172.57	3	1.2	18	Red, SILTY LOAM.		0	0.1	21	
171.57	5	B		Hard, moist, brown, SANDY LOAM TILL.		1	S		
170.57	2			Very soft, wet, red, SILTY LOAM w/ trace fine gravel.		0			
	5	2.3	24			14	0.1	24	
	7	B		Very dense, moist, brown to red, SANDY LOAM TILL.		20	B		
	4					50			
	7	1.4	21			50/3"		6	
	7	B				50/2"			
166.07	3					42			
165.27	3	1.3	21	Brown, wet, SANDY LOAM.		50/4"		8	
	4	B		Very dense, moist, brown/gray, SANDY LOAM TILL.		50/2"			
	0					37			
162.87	2	0.8	15	Red, w/ trace fine gravel.		50/5"		6	
	3	S		Extent of exploration.		50/3"			
181.57	2					35			
	4	0.5	17	Benchmark: TBM top of bolt on NE corner existing overhead sign structure #7C026U051R011.0, Sta 55+67 on centerline US 51 = assumed 200.00'					
	5	S		(Alternate TBM top of bolt on NW corner existing overhead sign structure #7C026U051R011.0, 45' Lt Sta 56+72, US 51 = assumed 198.58')					
	3								
	4	0.1	12						
	3	S							
	4			Many fine gravel.					

Latitude N 38 deg 58.58 min, Longitude W 89 deg 05.73 min, Map Datum WGS 84

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)