



LOCATION NO.: 7-05
SOIL BORING LOG

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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 Fayette 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

DEPTH (ft)	BULGE (in)	SHEAR (tsf)	PENETRATION (%)	DESCRIPTION	ELEVATION (ft)	DEPTH (ft)	BULGE (in)	SHEAR (tsf)	PENETRATION (%)	DESCRIPTION	ELEVATION (ft)
				Concrete median surface.	195.67						
				Sand median fill.	194.67						
				Sluff to very stiff, damp, gray, CLAY w/ trace silt.							
3											
3	1.2	18		Red, SILTY LOAM.	173.57						
5	B				172.57						
				Hard, moist, brown, SANDY LOAM TILL.	171.57						
2				Very soft, wet, red, SILTY LOAM w/ trace fine gravel.	170.57						
5	2.3	24									
7	B			Very dense, moist, brown to red, SANDY LOAM TILL.							
4											
7	1.4	21									
7	B										
3					166.07						
3	1.3	21		Brown, wet, SANDY LOAM.	165.27						
4	B										
				Very dense, moist, brown/gray, SANDY LOAM TILL.							
0											
2	0.8	15		Red, w/ trace fine gravel.	162.87						
3	S										
				Extent of exploration.							
					181.57						
2				Medium to very soft, damp, red, SANDY LOAM.							
4	0.5	17									
5	S										
3											
4	0.1	12									
3	S										
				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)