



SN 052-0026
SOIL BORING LOG

Page 1 of 2

Date 9/13/07

ROUTE FAP 316 DESCRIPTION P92-108-07 IL 26 Bridge over Green River, 1.4 m. N. of Union Road LOGGED BY W. Garza

SECTION 102 BR-5 & 6 LOCATION E. Grove Twp. - 3 NW, SEC., TWP., RNG.

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	D	B	U	M
BORING NO.	Station	P	L	C	O	Stream Bed Elev.	E	L	O	C
Offset	Ground Surface Elev.	H	S	Qu	T	Groundwater Elev.:	P	W	S	Qu
		(ft)	(/6")	(tsf)	(%)	First Encounter	H	S	Qu	T
		(ft)	(/6")	(tsf)	(%)	Upon Completion	(ft)	(/6")	(tsf)	(%)
						After				
						Hrs.				
VERY SOFT dark brown SANDY LOAM	311+60			0.2	11.0	82.00	5			
				P		80.50	7			
						[679.1] = 81.5	8			
MEDIUM tan fine SAND			3				6			
			5				7			
			6				7			
LOOSE tan fine moist SAND			2				9			
			2				7			
			3				10			
VERY LOOSE gray moist dirty SAND			0				8			
			0				8			
			1				12			
LOOSE gray fine SAND			3				11			
			3				12			
			4				12			
MEDIUM gray SAND & GRAVEL			5				12			
			6				11			
			5				13			
MEDIUM gray clean medium coarse SAND			7				7			
			9				9			
			12				12			
Wash LOOSE gray fine SAND			3				9			
			3				8			
			6				12			

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)
 [Note Boring BM Elev 100.00 @ 6' from top = 698.6 Project Survey] BBS, from 137 (Rev. 8-99)



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BORING NO.	Station	P	L	C	O	Stream Bed Elev.	E	L	O	C
Offset	Ground Surface Elev.	H	S	Qu	T	Groundwater Elev.:	P	W	S	Qu
		(ft)	(/6")	(tsf)	(%)	First Encounter	H	S	Qu	T
		(ft)	(/6")	(tsf)	(%)	Upon Completion	(ft)	(/6")	(tsf)	(%)
						After				
						Hrs.				
Wash MEDIUM gray clean medium coarse SAND	311+60					82.00	14			
						80.50	12			6.0
						[679.1] = 81.5	20			
Wash MEDIUM gray clean medium coarse SAND			8				10			
			8				12			
			12				21			
Wash MEDIUM gray clean medium coarse SAND			6				7			
			9				19			
			13				20			
Wash MEDIUM gray SAND & medium GRAVEL			7							
			8							
			12							
Wash MEDIUM/DENSE gray SAND & medium GRAVEL			8							
			13							
			17							
Wash MEDIUM gray SAND & medium GRAVEL			11							
			12							
			16							
Wash DENSE gray SAND & medium GRAVEL			10							
			16							
			19							
Wash DENSE gray SANDY coarse TILL			15							
			19							
			24							

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 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)