



SN 052-0026  
**SOIL BORING LOG**

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Date 9/18/07

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 E P T H	B L O W S	U C S Qu	M O I S T Qu	Surface Water Elev.	D E P T H	B L O W S	U C S Qu	M O I S T Qu
BORING NO. Station Offset Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
MEDIUM dark gray LOAM [287.6]			0.5	11.0	82.00	6			
MEDIUM tan fine SAND	86.50	6			80.50	9			
LOOSE tan moist fine SAND	[693.6] = 85.00	6			82.50	7			
LOOSE gray clean medium coarse SAND	[678.6] = 80.00	3			77.50	8			
MEDIUM gray clean medium coarse SAND	[673.6]	4			75.00	5			
LOOSE gray fine SAND	[673.6] = 75.00	5			72.50	8			
Wash MEDIUM gray clean medium coarse SAND		4			70.00	7			

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: BM Elev 100.00 @ Crown - 5 pps - 2 = 698.6 BBS, from 137 (Rev. 8-99)



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BORING NO. Station Offset Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
Wash MEDIUM gray clean medium coarse SAND	[647.6]	11			82.00	11			
DENSE gray dirty SAND with medium GRAVEL	47.50	14			80.50	13			
Wash VERY DENSE gray fine SAND with bottom 3" CLAY LOAM TILL	[643.6] = 45.00	9			81.5	11			9.0
Wash MEDIUM gray SAND & GRAVEL	[638.6] = 40.00	12			80.00	12			
Wash DENSE gray SAND & GRAVEL	[633.6] = 35.00	12				13			
Wash MEDIUM gray clean medium coarse SAND	[628.6] = 30.00	14				14			

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BBS, from 137 (Rev. 8-99)



FILE NAME = 0520081-64057.DGN	DESIGNED - A.R.K.	REVISED -
USER NAME = S.A.P.	CHECKED - J.A.M.	REVISED -
PLOT SCALE =	DRAWN - S.A.P.	REVISED -
PLOT DATE = 08/10/11	CHECKED - A.R.K. & J.A.M.	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS  
STRUCTURE NO. 052-0081  
SHEET NO. 30 OF 30 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	102BR-6	LEE	216	92
CONTRACT NO. 64D57				
ILLINOIS FED. AID PROJECT				