



SOIL BORING LOG

Date 1/5/07

ROUTE FAP 638 DESCRIPTION P92-065-07 IL 82 Bridge over Green River, 2.0 m. N. of Geneseo LOGGED BY J. Strating
 SECTION 129 BR-4 LOCATION Geneseo Twp. - 4 SW, SEC. , TWP. 17N, RNG. 3E
 COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	HRS.	DEPTH	BLOW	UCS	MOIST
037-0176	1265+07.43	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft		(ft)	(/6")	(tsf)	(%)
				0.8 P	16.0			MEDIUM gray clean medium SAND								
		595.40														
			2					MEDIUM gray clean medium SAND								
		593.90	4													
								MEDIUM gray clean medium SAND with GRAVEL								
		591.40	4													
								Wash MEDIUM gray clean medium SAND								
		588.40	2													
								Wash DENSE gray fine SAND								
		585.90	4	1.0 B	57.0											
								Wash HARD gray/green CLAY LOAM TILL								
		583.90	2													
								HARD gray/green CLAY LOAM TILL								
		581.40	3													
								HARD gray/green CLAY LOAM TILL								
		578.90	6													

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)



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								MEDIUM gray clean medium SAND								
		556.40	13	5.3 B	19.0											
								MEDIUM gray clean medium SAND								
		553.40	10	5.1 B	18.0											
								MEDIUM gray fine SAND with SILT lens								
		551.40	12													
								MEDIUM gray fine SAND								
		548.90	9													
								DENSE gray fine SAND								
		546.40	21													
								Wash MEDIUM gray clean medium SAND & GRAVEL								
		543.90	15													
								Wash VERY DENSE gray shaley CLAY								
		542.40	39													
								Auger Refusal								
								End of Boring								

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 BBS, from 137 (Rev. 8-99)

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DESIGNED - GPM	REVISED -
CHECKED - BJM	REVISED -
DRAWN - MWS	REVISED -
CHECKED - BRT	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS
 STRUCTURE NO. 037-0176
 SHEET NO. 28 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
638	129BR-4	HENRY	93	49
CONTRACT NO. 64D25				
ILLINOIS FED. AID PROJECT				