



**SOIL BORING LOG**

Page 1 of 2

ROUTE IL 82 DESCRIPTION P92-052-04 IL 82 over Elks Branch, 4 m. south of N2550, 2 m. N. of Geneseo LOGGED BY C. Jenkins  
 SECTION Phenix Twp. - SW. SEC. 28, TWP. 18N, RNG. 3E  
 COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53

STRUCT. NO.	Station	DEPTH	DESCRIPTION	UCS	Failure Mode	SPT	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After
		(ft)	(ft)	(/ft)	(%)	(blows)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
1	1176+84		STIFF dark gray SILTY CLAY LOAM	1.25	P		90.0	89.0	81.9	81.9		
		618.2	MEDIUM gray SILTY CLAY LOAM	0.8	B	26						
		616.7	STIFF dark brown SILTY LOAM	1.25	P	32						
		614.2	MEDIUM dark brown SILTY LOAM	0.6	B	29						
		609.2	MEDIUM gray SILTY LOAM	0.5	P	30						
		606.2	SOFT gray SILTY LOAM with ORGANICS	0.5	B	30						
		604.2	MEDIUM tan dirty fine SAND									
		601.7	MEDIUM tan fine SAND									

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 T208)  
 BBS, from 137 (Rev. 8-99)



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		(ft)	(ft)	(/ft)	(%)	(blows)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
1	1176+84		SOFT gray SILT	0.4	B	29	90.0	89.0	81.9	81.9		
		579.2	SOFT gray SILT	0.2	B	29						
		576.7	STIFF gray CLAY TILL	2.5	B	17						
		574.2	End of Boring									

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 T208)  
 BBS, from 137 (Rev. 8-99)

Note:  
 Stations shown on borings are from previous plans.  
 See Sheet 1 of 8 for location of borings.

**BORING LOGS**  
**IL ROUTE 82 OVER ELKS BRANCH**  
**STATION 1350+29.74**  
**STRUCTURE NO 037-2027**

PLOT DATE = 7/29/2008  
 FILE NAME = Y:\10078629-03\_64A04\CD\BSP\_SN\_037-2027\0372027-64A04-06-SBL.dgn  
 PLOT SCALE = 0.10294 "1" / IN.  
 USER NAME = HAS

<b>COOMBE-BLOXDORF P.C.</b> Engineers/Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	PROJECT NO. 08047 SCALE / / / DATE / / DESIGN BY / / DRAWN BY CFC CHECKED BY / /	SHEET NO. 8  8 SHEETS	F.A.P. RTE. 638 SECTION 129BR COUNTY HENRY CONTRACT NO. 64A04	TOTAL SHEETS 42 SHEET NO. 25
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			