



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

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

STRUCT. NO. Station	BORING NO. Station Offset Ground Surface Elev.	DEPTH (ft)	BLOW COUNT (/ft)	UNIFIED CLASSIFICATION (tsf)	MOISTURE CONTENT (%)	Surface Water Elev. Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After Hrs.	DEPTH (ft)	BLOW COUNT (/ft)	UNIFIED CLASSIFICATION (tsf)	MOISTURE CONTENT (%)
1 1176+84	B-2 1177+10 10.00R RLCL 621.5										
		618.5	2	2.0 P	20			1	2		
		617.0	4	2.4 S	17			5	8		
		614.5	3	1.5 P	31			5	5		
		611.5	3	0.7 B	28			4	3	1.2 S	27
		609.5	2					7	5	1.7 S	28
		607.0	1					6	4	1.3 S	27
		604.5	10					6	4	2.0 S	38
		602.0	6					4	3	0.2 B	28

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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1 1176+84	B-2 1177+10 10.00R RLCL 621.5										
		579.5	1	0.6 B	22			2	1		
		577.0	2	0.5 B	21			4	2		
		574.5	3	1.8				6	2		

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
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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

COOMBE-BLOXDORF P.C. Engineers/Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	PROJECT NO. 08047	SHEET NO. 7 8 SHEETS	F.A.P. RTE. 638	SECTION 129BR	COUNTY HENRY	TOTAL SHEETS 42	SHEET NO. 24
	CHECKED BY CFC		CONTRACT NO. 64A04				
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/29/2008
 FILE NAME = Y:\DOT\B923-03_64A04\B923-03_64A04-01-SBL.dgn
 PLOT SCALE = 0.10254" / IN.
 USER NAME = HNS