



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 1 of 2

Date 4/10/07

ROUTE FAP 308 DESCRIPTION P92-089-05 IL 84 over Apple River, 2 miles south of Hanover LOGGED BY W. Garza
SECTION 104 BR-1 and 103 BR-3 LOCATION Hanover Twp. - 22SE, SEC. , TWP. 26N, RNG. 2E
COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	DEPTH (ft)	BLOW (6")	UCS (tsf)	MOIST (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW (6")	UCS (tsf)	MOIST (%)
043-0038	165+48					10" Asphalt, 6" Concrete				
B-3a	164+55					MEDIUM brown SILTY CLAY LOAM	586.80	2	0.4	27.0
	11.00ft LI CL					STIFF gray/tan SILTY CLAY	605.80	2		
	Ground Surface Elev. 608.30 ft					STIFF gray/tan SILTY CLAY	604.30	3	1.3	25.0
						STIFF gray/tan SILTY CLAY	604.30	5	P	
						STIFF redish gray CLAY LOAM	601.80	3	1.1	30.0
						STIFF redish gray CLAY LOAM	601.80	4	S	
						STIFF gray CLAY LOAM	599.30	3	1.4	31.0
						STIFF gray CLAY LOAM	599.30	4	B	
						VERY STIFF gray SILTY CLAY	596.80	5	3.0	22.0
						VERY STIFF gray SILTY CLAY	596.80	7	P	
						MEDIUM gray SILTY LOAM	594.30	2		
						MEDIUM gray SILTY LOAM	594.30	3	0.8	32.0
						MEDIUM gray SILTY CLAY with SAND lens	574.30	2	0.7	28.0
						MEDIUM gray SILTY CLAY with SAND lens	574.30	3	B	
						STIFF dark gray SILTY LOAM	571.80	4		
						STIFF dark gray SILTY LOAM	571.80	9	2.3	20.0
						STIFF dark gray SILTY LOAM	571.80	13	B	
						SOFT gray LOAM	568.80	5		
						SOFT gray LOAM	568.80	6	2.6	23.0
						SOFT gray LOAM	568.80	9	B	

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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043-0038	165+48					VERY DENSE tan well-cemented SAND		8		
B-3a	164+55					Auger Refusal at 42.0'	566.80	100/3'		
	11.00ft LI CL					VERY DENSE gray SHALE		100/6'		
	Ground Surface Elev. 608.30 ft					End of Boring	564.30			

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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 10/13/2010

DESIGNED E.E.J.
CHECKED J.Z.
DRAWN R.B.H.
CHECKED J.Z.

BORING LOGS III					
Illinois Rte. 84 Over Apple River Tributary					
STATION 165+50.00			STRUCTURE NO. 043-0078		
SHEET NO.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SA25 OF 25 SHEETS	308	104BR-1	JO DAVIESS	126	61
CONTRACT NO. 64B26					
10-15-2010		ILLINOIS FED. AID PROJECT			

GR&E 8501 W. Higgins Road, Suite 280
Chicago, Illinois 60631
(773) 399-0112