

BORING LOGS



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

SOIL BORING LOG

Page 3 of 4

Date 8/29/06

ROUTE FAP 308 DESCRIPTION P92-060-06 Bridge on IL 84 over Cattail Creek, .9 m. S. of US 30 LOGGED BY W. Garza
SECTION 109 BR-5 LOCATION Garden Plain Twp. - 4 SW, SEC. , TWP. 21N, RNG. 3E
COUNTY Whiteside 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	M O I S T U R E	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O I S T U R E	Groundwater Elev.: First Encounter Upon Completion After Hrs.	(ft)	(/6")	(tsf)	(%)
1016+04					85.00 ft 84.50 ft					179.0 ft Wash ft				
B-2 344+09 12.00ft Lt CL 199.00 ft														
Wash MEDIUM/DENSE gray fine SAND		6 13 17								19 25 16				
	117.50													
	115.00													
Wash MEDIUM gray fine SAND		9 12 12								5 13 17				
	112.50													
	110.00													
Wash MEDIUM gray fine SAND		4 7 12								6 9 11				
	107.50													
	105.00													
No Recovery		23 100/6.5"								14 13 11				
	102.50													
	100.00													
	-100													

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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1016+04					85.00 ft 84.50 ft					179.0 ft Wash ft				
B-2 344+09 12.00ft Lt CL 199.00 ft														
Resists auger rotation														
	77.50													
	75.00													
Wash DENSE tan/gray clean medium coarse SAND with medium GRAVEL		11 19 22												
	72.50													
End of Boring														
	70.00													
	67.50													
	65.00													
	62.50													
	60.00													
	57.50													
	55.00													
	52.50													
	50.00													
	47.50													
	45.00													
	42.50													
	40.00													
	37.50													
	35.00													
	32.50													
	30.00													
	27.50													
	25.00													
	22.50													
	20.00													
	17.50													
	15.00													
	12.50													
	10.00													
	7.50													
	5.00													
	2.50													
	0.00													
	-100													

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BBS, from 137 (Rev. 8-99)

FILE NAME = c:\projects\p206006\d06006logs.dgn	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS	F.A.P. RTE. 308	SECTION 109BR-5	COUNTY WHITESIDE	TOTAL SHEETS 83	SHEET NO. 61	
PLOT SCALE = 1:57,500	DRAWN -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 64C25	
PLOT DATE = Thu Jul 31 10:54:01 2008	CHECKED -	REVISED -									
	DATE -	REVISED -									