

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	117 T	OGL	86	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# SOIL BORRING LOGS



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

## SOIL BORING LOG

Date 5/6/05

ROUTE FAP 549 DESCRIPTION P92-117-05 IL 72 culvert, .5 m. E. of Main Street in Leaf River LOGGED BY W. Garza

SECTION 117 T LOCATION Leaf River Twp. - 31NW, SEC. , TWP. 25N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T T	Description	D E P T H S	B L O W S	U C S Qu	M O I S T T
512+23					Surface Water Elev. <u>Dry</u> ft				
					Stream Bed Elev. <u>91.00</u> ft				
B-1f					Groundwater Elev.: First Encounter <u>82.0</u> ft ▼				
512+03					Upon Completion <u>Wash</u> ft				
40.00ft Rt CL					After _____ Hrs. _____ ft				
91.50					Ground Surface Elev. <u>91.50</u> ft				
89.50		2.1	38.0		LOOSE tan fine SAND (continued)	70.50	3		
		P					5		
88.00		3			MEDIUM tan SAND with medium SAND & LIMESTONE fragments	68.00	10		
		4	1.1	25.0			10		
		3	B				8		
85.00		2			VERY DENSE tan weathered LIMESTONE	66.50	6		
		3	0.8	28.0	End of Boring	-25	100/3"		
		4	B						
83.00		3			LOOSE gray fine SAND, very moist				
		3							
		3							
80.50		1			VERY LOOSE gray SAND	-30			
		1							
		2							
78.00		2			LOOSE tan fine SAND				
		3							
		6							
75.00		2			LOOSE tan clean medium coarse SAND	-35			
		3							
		6							
72.50		3			Wash				
		2	0.3	21.0	SOFT tan SILT, bottom 8"				
		3	P						
		2			LOOSE tan fine SAND	-40			

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)



**Illinois Department of Transportation**  
 Division of Highways  
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## SOIL BORING LOG

Date 5/19/05

ROUTE FAP 549 DESCRIPTION P92-117-05 IL 72 culvert, .8 m. W. of Conger Road LOGGED BY W. Garza

SECTION 117 T LOCATION Byron Twp. - 34NW, SEC. , TWP. 25N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T T	Description	D E P T H S	B L O W S	U C S Qu	M O I S T T
689+00					Surface Water Elev. _____ ft				
					Stream Bed Elev. <u>85.80</u> ft				
B-2a					Groundwater Elev.: First Encounter _____ ft				
689+16					Upon Completion _____ ft				
15.00ft Rt of CL					After _____ Hrs. _____ ft				
99.60					Ground Surface Elev. <u>99.60</u> ft				
97.60		1.0	20.0		STIFF brown SILTY CLAY LOAM				
		P							
96.10		5			MEDIUM brown SILTY CLAY LOAM				
		4	0.8	15.0					
		2	P						
93.60		2			STIFF brown SILTY CLAY LOAM				
		2	1.4	20.0					
		5	B						
90.60		1			STIFF brown SILTY CLAY LOAM				
		2	1.5	28.0					
		4	B						
88.60		8			MEDIUM tan weathered LIMESTONE				
		9							
		13							
86.10		17			VERY DENSE tan weathered LIMESTONE				
		20							
		25							
83.60		100/5"			VERY DENSE tan weathered LIMESTONE				
		-15							
82.60		100/2"			VERY DENSE tan LIMESTONE				
					End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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BBS, from 137 (Rev. 8-99)

PLOT DATE = Fri, Dec 28 13:45:38 2007  
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