

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	117 T	Ogle	86	57
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

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Date 5/17/05

ROUTE FAP 549 DESCRIPTION P92-117-05 IL 72 culvert, .3 m. W. of Mill Road LOGGED BY W. Garza

SECTION 117 T LOCATION Byron Twp. - 35 NE, 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	B L O W S	U C S Qu	M O I S T T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S Qu	M O I S T T
BORING NO. Station Offset Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	ft ft	(ft)	(/6")	(tsf)	(%)
758+59					86.50				
B-2b 758+29 14.00ft Rt of CL 99.60					82.6 64.1				
MEDIUM dark brown LOAM			0.8 P	20.0	78.60	17	5		
MEDIUM dark brown LOAM	97.60	3					2		
		2	0.8 P	26.0			2		
	96.10	3			76.10		3		
MEDIUM brown SILTY CLAY LOAM		2					2		
		2	0.8 B	24.0			2		
	93.60	4			73.60		3		
STIFF gray CLAY LOAM		2					2		
		1	1.1 B	25.0			2	0.8 P	11.0
	91.10	3			71.10		4		
MEDIUM tan SANDY LOAM		3					5		
		3	0.9 B	23.0			6	2.1 S	8.0
		5			68.60		7		
MEDIUM tan fine SAND with medium SAND lens, moist	88.10						5		
		5					5	1.1 P	11.0
	86.10	6			66.10		5		
MEDIUM tan medium SAND with LIMESTONE fragments		7					2		
		8					3		
	83.60	9			63.60		5		
LOOSE/MEDIUM tan medium SAND		8					1		
		5					4	0.9 B	10.0
	81.10	5			61.10		5		
		23					4		

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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BORING NO. Station Offset Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	ft ft	(ft)	(/6")	(tsf)	(%)
758+59					86.50				
B-2b 758+29 14.00ft Rt of CL 99.60					82.6 64.1				
VERY STIFF gray SANDY LOAM TILL (continued)	58.60	5	2.1 P	9.0			5		
STIFF gray SANDY LOAM TILL		4					4		
		5	1.9 B	10.0			5		
	56.10	6					6		
VERY STIFF gray SANDY LOAM TILL		5					5		
		7	2.3 B	9.0			7		
	53.60	10					10		
End of Boring									

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BBS, from 137 (Rev. 8-99)

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