

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	117 T	OGLE	86	53
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 5/19/05

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. _____	D E P T H S	B L O W S Qu	U C S Qu	M O I S T	Surface Water Elev. _____ ft
Station <u>689+00</u>					Stream Bed Elev. <u>85.80</u> ft
BORING NO. <u>B-1a</u>					Groundwater Elev. _____ ft
Station <u>688+86</u>	First Encounter _____ ft	Upon Completion _____ ft			After _____ Hrs. _____ ft
Offset <u>14.00ft Lt of CL</u>					
Ground Surface Elev. <u>99.70</u> ft	(ft)	(/6")	(tsf)	(%)	

MEDIUM brown SILTY CLAY LOAM								
	97.70		3					
MEDIUM brown SILTY CLAY LOAM with SAND lens	96.20		2 6	0.8 B	24.0			
STIFF brown SANDY LOAM	93.70		2 3	1.1 B	27.0			
MEDIUM reddish brown SANDY LOAM	91.20		1 2 3	0.5 P	23.0			
MEDIUM brown SANDY LOAM with Limestone	88.70		4 16 7	0.5 P	22.0			
MEDIUM brown SILTY CLAY LOAM	85.70		2 2 4	0.9 B	28.0			
DENSE tan weathered LIMESTONE	83.70		15 17 19					
VERY DENSE tan LIMESTONE	81.70		100/3"					
Auger Refusal								
End of Boring								

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
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. _____	D E P T H S	B L O W S Qu	U C S Qu	M O I S T	Surface Water Elev. _____ ft
Station <u>758+59</u>					Stream Bed Elev. <u>86.50</u> ft
BORING NO. <u>B-1b</u>					Groundwater Elev. _____ ft
Station <u>758+85</u>	First Encounter _____ ft	Upon Completion _____ ft			After _____ Hrs. _____ ft
Offset <u>14.00ft Lt of CL</u>					
Ground Surface Elev. <u>99.40</u> ft	(ft)	(/6")	(tsf)	(%)	

MEDIUM dark brown LOAM								
	97.40							
MEDIUM dark brown LOAM	95.90		2 3	0.5 P	30.0			
MEDIUM dark brown SILTY LOAM	93.40		1 2	0.5 B	33.0			
MEDIUM brown SILTY CLAY LOAM	90.90		1 1 3	0.7 B	34.0			
STIFF dark brown SILTY CLAY LOAM with ORGANICS	88.40		1 3 4	1.1 P	27.0			
MEDIUM dark gray SILTY CLAY LOAM	85.40		1 2 3	0.5 B	31.0			
MEDIUM brown dirty SAND, moist	83.40		9 8 8					
MEDIUM brown dirty SAND	80.90		4 7 9					
LOOSE/MEDIUM tan dirty SAND	-20		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)

PLOT DATE = Fri Dec 28 13:45:27 2007
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