STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 545	114T-1	CARROLL	118	47
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT=	

SHEET NO. 10
11 SHEETS

Contract # 64C31

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 5/31/06

ROUTE IL 72 DESCRIPTION P92-073-06 Box culvert, IL 72 over ditch, .1 m. E. of Goldmine Road LOGGED BY J. Strating

SECTION _____ LOCATION Shannon Twp. - 16 SW, SEC. , TWP. 25N, RNG. 7E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 008-1080
Station _____

BORING NO. B-1c
Station +26' W. of Culv. CL
Offset 11.00ft N CL
Ground Surface Elev. 99.7 ft

Surface Water Elev. 92.8 ft
Stream Bed Elev. 92.7 ft

Groundwater Elev.:
First Encounter 84.7 ft ▼
Upon Completion _____ ft
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				MEDIUM black SILTY CLAY LOAM
97.20		0.8 P	27	
	2 2 4	0.8 P	26	MEDIUM black SILTY CLAY LOAM
95.70				
-5				
	2 2 5	1.5 B	27	STIFF black SILTY CLAY
93.20				
	2 3 4	0.8 B	26	MEDIUM tan/gray SILTY CLAY LOAM
90.70				
-10				
	3 4 4	0.6 P	27	MEDIUM tan/gray SILTY CLAY LOAM
88.20				
	3 4 5	0.5 P	13	MEDIUM tan SILTY LOAM TILL
85.70				
▼-15				
	1 1 3	0.2 B	16	VERY SOFT tan SILTY LOAM TILL
82.70				
	4 4 5			No Recovery
80.20				
-20				
	6 12 10	0.8 P	13	MEDIUM gray SILTY LOAM TILL with LIMESTONE
78.20				
	6 10 11	2.6 B	15	VERY STIFF gray SILTY CLAY LOAM TILL
75.20				
-25				
	7 14 14			MEDIUM tan dirty SAND with GRAVEL
73.20				
	3 2 6			LOOSE tan medium SAND
70.20				
-30				
	7 7 8			MEDIUM tan weathered LIMESTONE with CHERT
68.20				
	16 13 14			Wash MEDIUM tan weathered LIMESTONE with SAND lens
65.70				
-35				
	8 7 7			Wash Same as above
62.70				
	4 4 6	1.0 P	21	MEDIUM brown SILTY CLAY with CHERT
60.20				
-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)

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Page 2 of 2

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Groundwater Elev.:
First Encounter 84.7 ft ▼
Upon Completion _____ ft
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
	6 9 14			MEDIUM tan weathered LIMESTONE
58.20				End of Boring
-45				
-50				
-55				
-60				

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)

DESIGNED -	ASP
CHECKED -	WSP
DRAWN -	BGC
CHECKED -	ASP

200

EXAMINED

ENGINEER OF BRIDGE DESIGN

PASSED

ENGINEER OF BRIDGES AND STRUCTURES

BORING LOG
F.A.P. 545 (IL. RTE. 72)
SECTION 114T-1
CARROLL COUNTY
STATION 322+38.25
STRUCTURE NO. 008-1091