STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 545	114T-1	CARROLL	118	36
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		

SHEET NO. 04
05 SHEETS

Contract # 64C31

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 4/27/06

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

SECTION LOCATION , SEC. , TWP. , RNG.

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

STRUCT. NO. 008-1003
Station

BORING NO. B-1f
Station +10 E. of Culv. CL
Offset 24.00ft S CL
Ground Surface Elev. 95.6 ft

Surface Water Elev. 92.2 ft
Stream Bed Elev. 92.0 ft

Groundwater Elev.:
First Encounter 27.0' ft
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM dark brown SILTY CLAY LOAM	93.60			0.8 P	23
STIFF dark brown SILTY LOAM	92.10		3 4 5	1.5 P	30
STIFF dark brown SILTY CLAY LOAM	89.60	-5	3 4 5	1.8 B	26
Same as above	87.10		2 3 3	1.1 B	25
SOFT tan LOAM TILL	84.60	-10	1 2 2	0.3 P	11
MEDIUM tan SILTY LOAM TILL	82.10		6 5 7	0.8 B	10
STIFF gray SILTY CLAY LOAM TILL	79.60	-15	2 4 7	1.2 B	14
Same as above	77.10		3 4 7	1.0 B	15
		-20			
STIFF gray SILTY CLAY LOAM TILL (continued)	74.60		2 4 6	1.8 B	14
Same as above	71.60		3 4 7	1.4 B	15
MEDIUM tan dirty SAND with GRAVEL	69.60	-25	2 10 14		
DENSE tan dirty SAND & GRAVEL	67.10		12 10 22		
DENSE tan/brown medium SAND with GRAVEL	64.10	-30	3 14 16		
Wash STIFF gray SILTY CLAY	62.10		10 4 6	2.0 P	27
STIFF gray SILTY CLAY with SILT lenses	59.60	-35	2 2 4	2.0 P	29
Wash SOFT gray SILT	57.10		4 3 4	0.3 P	29
		-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 27.0' ft
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash MEDIUM gray SILT (continued)	54.60		2 2 4	0.5 P	27
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
CARROL COUNTY
STATION 313+79.80
STRUCTURE NO. 008-1092