STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 545	114T-1	OGLE	118	66
FED. ROAD DIST. NO. 3	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 5/17/06

ROUTE IL 72 DESCRIPTION P92-073-06 Box culvert on IL 72, .6 m. E. of Mt. Vernon Road LOGGED BY W. Garza

SECTION - LOCATION Forreston Twp. - 13 SE, SEC. , TWP. 25N, RNG. 7E

COUNTY Ogle DRILLING METHOD - HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 071-1041
Station -

BORING NO. B-1a
Station +23 E of Culv CL
Offset 10.00ft S CL
Ground Surface Elev. 99.6 ft

Surface Water Elev. - ft
Stream Bed Elev. 93.0 ft

Groundwater Elev.:
First Encounter 86.6 ft ▼
Upon Completion 76.6 ft ▽
After - Hrs. - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt and Concrete					
MEDIUM dark brown SILTY CLAY LOAM				0.9 P	20
	97.10				
No Recovery			2 3 3		
	95.60	-5			
MEDIUM/STIFF gray SILTY LOAM			2 1 4	1.0 P	28
	93.10				
STIFF dark gray LOAM			2 3 3	1.2 B	27
	90.60	-10			
MEDIUM dark brown LOAM			1 2 3	0.5 B	25
	87.60				
LOOSE gray dirty SAND & GRAVEL ▼			1 2 6		
	85.10	-15			
STIFF gray SILTY LOAM TILL			1 3 5	1.8 P	15
	83.10				
STIFF gray SILT			5 4 9	1.1 S	20
	80.60	-20			
SOFT gray SILTY LOAM with SILT lens			8 5 3	0.3 P	18
	77.60				
LOOSE gray dirty SAND & medium GRAVEL ▽			1 2 4		
	75.10	-25			
STIFF gray SILTY LOAM TILL			1 5 9	1.0 P	12
	73.10				
MEDIUM gray SILTY CLAY TILL with SILT lens			3 4 6	0.9 B	17
	70.60	-30			
STIFF gray SILTY CLAY TILL with SILT lens			5 5 8	1.7 B	18
	68.10				
MEDIUM gray SILTY CLAY TILL			1 3 5	0.9 B	18
	65.60	-35			
STIFF gray SILTY CLAY TILL			1 3 6	1.3 B	19
	63.10				
MEDIUM gray SILT			2 4 8	0.8 P	20
	60.60	-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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Upon Completion 76.6 ft ▽
After - Hrs. - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM gray SILT			10 11 14	0.8 P	21
	58.10				
End of Boring		-45			
		-50			
		-55			
		-60			

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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	-	BEM
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
OGLE COUNTY
STATION 145+06.61
STRUCTURE NO. 071-1152