BORING LOGS

Illinois Department of Transportation
Division of Highways
Illinois Dept. of Transportation

SOIL BORING LOG

Page 1 of 1

Date 1/13/00

ROUTE FA 549 DESCRIPTION P-92-004-97 Culvert on IL 72, .8 mile west of Mt. Morris Blacktop LOGGED BY W. Garza

SECTION 116 RS-1 LOCATION Leaf River - 34 NW, SEC. , TWP. 25N, RNG. 9E, PM

COUNTY Ogle DRILLING METHOD HAMMER TYPE

STRUCT. NO.
Station 732 + 50

BORING NO. B-1a
Station 732 + 58
Offset 34.00ft Rt CL
Ground Surface Elev. 94.0 ft

Surface Water Elev. 91.2 ft
Stream Bed Elev. 85.0 ft

Groundwater Elev.:
First Encounter 87.5 ft
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown SILTY CLAY LOAM	92.00		1	0.25 P	29
MEDIUM brown LOAM	90.50		2 3	0.75 P	31
MEDIUM tanish gray SANDY LOAM with LIMESTONE	87.50	-5	1 4 7		14
LOOSE tanish brown dirty SAND with LIMESTONE	85.50		1 2 3		
MEDIUM tanish brown dirty SAND & GRAVEL	83.00	-10	5 6 7		
MEDIUM tanish brown dirty SAND & GRAVEL, with bottom 4" SAND	80.50		4 6 6		
LOOSE tanish brown fine SAND	78.00	-15	2 3 6		
MEDIUM Same as above	75.50		4 5 8		
		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Wash LOOSE/MEDIUM tan dirty SAND with SILT lens (continued)	73.00		3 3 7		
Wash MEDIUM tan dirty SAND with LIMESTONE	70.50		6 8 9		
MEDIUM tan SAND & GRAVEL	68.00	-25	8 11 10		
	65.50				
MEDIUM tan SANDY GRAVEL	63.00	-30	9 11 12		
	60.50				
Wash MEDIUM tan fine SAND	58.00	-35	6 13 13		
		-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)

Illinois Department of Transportation
Division of Highways
Illinois Dept. of Transportation

SOIL BORING LOG

Page 1 of 1

Date 1/12/00

ROUTE FA 549 DESCRIPTION P-92-004-97 Culvert on IL 72 between Forrestone & Mt. Morris Blacktop LOGGED BY W. Garza

SECTION 116 RS-1 LOCATION Maryland Twp. - 32 NE, SEC. , TWP. 25N, RNG. 9E, PM

COUNTY Ogle DRILLING METHOD HAMMER TYPE

STRUCT. NO.
Station 644 + 40

BORING NO. B-1b
Station 644 + 08
Offset 13.00ft Rt CL
Ground Surface Elev. 99.3 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 94.0 ft

Groundwater Elev.:
First Encounter 77.3 ft
Upon Completion 78.3 ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown CLAY FILL	97.30		3	0.5 P	19
MEDIUM tanish brown LOAM	95.80		2 4	1.0 P	27
STIFF brown LOAM	93.30	-5	1 3 5	1.5 P	28
MEDIUM brown SILTY LOAM, very little recovery	90.80		3 3 3	1.0 P	24
MEDIUM tanish brown SILTY CLAY LOAM with SAND lens	88.30	-10	1 2 3	1.0 P	26
STIFF yellowish tan weathered LIMESTONE with LOAM	85.80		4 7 7	2.0 P	12
LOOSE rust dirty SAND	82.80	-15	4 3 4		
MEDIUM rust/yellow dirty SAND weathered LIMESTONE	80.80		4 5 10		
		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
DENSE yellowish fine SAND LIMESTONE (continued)	78.30		6 14 18		
VERY DENSE tanish yellow rust weathered SANDSTONE	75.80		25 36 39		
		-25			
		-30			
		-35			
		-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)

•DATE-TIME•
•CONTSPEC•
•REF
•REF
•REF
•REF