CONTRACT NO. 64178

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	116RS-1	OGLE	593	226
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BORING LOGS

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

SOIL BORING LOG

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Date 1/27/00

ROUTE FA 549 DESCRIPTION P-92-004-97 Culvert on IL 72, 2.6 miles east of Forreston LOGGED BY W. Garza

SECTION 116 RS-1 LOCATION Maryland Twp. - 36 NW, SEC. , TWP. 25N, RNG. 8E, PM

COUNTY Ogle DRILLING METHOD HAMMER TYPE

STRUCT. NO.
Station 522 + 64

BORING NO. B-2d
Station 522 + 25
Offset 14.00ft Lt CL WB
Ground Surface Elev. 98.4 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 88.0 ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT tanish brown SILTY CLAY LOAM				0.5 P	15
	96.40				
VERY STIFF tanish brown CLAY TILL			3 4 6	3.25 P	21
	94.90				
STIFF tan SANDY LOAM with GRAVEL		-5	2 2 3	1.25 P	13
	92.40				
STIFF tan SILTY CLAY TILL			1 1 4	1.75 P	22
	89.90				
STIFF tanish brown SANDY LOAM with LIME ROCk		-10	1 3 4	1.25 P	16
	86.90				
VERY DENSE tanish white weathered LIMESTONE			3 31 45		
	84.90				
VERY DENSE tan weathered LIMESTONE	83.40	-15	100/6.5"		
		-20			

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

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Date 1/27/00

ROUTE FA 549 DESCRIPTION P-92-004-97 Culvert, 2.5 miles east of Forreston LOGGED BY W. Garza

SECTION 116 RS-1 LOCATION Maryland Twp. - 36 NW, SEC. , TWP. 25N, RNG. 8E, PM

COUNTY Ogle DRILLING METHOD HAMMER TYPE

STRUCT. NO.
Station 518 + 00

BORING NO. B-2e
Station 518 + 30
Offset 14.00ft Lt CL WB
Ground Surface Elev. 99.0 ft

Surface Water Elev. 86.42 ft
Stream Bed Elev. 86.0 ft

Groundwater Elev.:
First Encounter 82.0 ft
Upon Completion 83.0 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY SOFT brown LOAM				0.0 P	24
	97.00				
STIFF brown tan LOAM TILL			4 4 5	1.24 B	14
	95.50				
HARD brown tan gray SILTY LOAM		-5	2 4 6	4.25 P	15
	93.00				
HARD tan LOAM (fill) contains weathered LIMESTONE			1 5 5	4.5 P	16
	90.50				
MEDIUM black SILT LOAM (looks organic)		-10	2 2 2	0.5 B	32
	88.00				
VERY SOFT black SILTY CLAY LOAM			1 2 3	0.25 B	23
	85.50				
MEDIUM tan/gray SILT		-15	1 2 4	0.75 B	21
	82.50				
MEDIUM tan SAND, contains weathered LIMESTONE			6 11 11		
	80.50				
HARD Same as above	79.00	-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-25	100/4"		
-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•
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