

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	116RS-1	Ogle	593	222
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	D E P T H S Q U T	B L O W S	U L C S	M O I S T	Surface Water Elev. Dry ft
BORING NO. B-1d Station 523 + 09 Offset 16.00ft Rt CL Ground Surface Elev. 98.5 ft					Stream Bed Elev. 88.0 ft
					Groundwater Elev.:
					First Encounter ft Upon Completion ft After Hrs. ft

Soil Description	Depth (ft)	Blow Count (N)	Failure Mode	U (tsf)	M (SPT)
MEDIUM tanish brown CLAY LOAM	96.50	0.5 P		13	
VERY STIFF tanish brown SILTY CLAY TILL	95.00	3.0 P		19	
STIFF tanish brown SANDY CLAY TILL	92.50	2.0 B		14	
SOFT brown CLAY TILL	90.00	0.41 B		21	
MEDIUM brown LOAM with LIMESTONE	87.00	1.0 P		26	
VERY DENSE tan weathered LIMESTONE	85.00	100/8"			
VERY DENSE white tan weathered LIMESTONE	83.50	100/5"			

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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Date 1/27/00

ROUTE FA 549 DESCRIPTION P-92-004-97 Culvert over a ditch, 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	D E P T H S Q U T	B L O W S	U L C S	M O I S T	Surface Water Elev. 86.9 ft
BORING NO. B-1e Station 517 + 75 Offset 17.00ft Rt CL EB Ground Surface Elev. 99.1 ft					Stream Bed Elev. 87.0 ft
					Groundwater Elev.:
					First Encounter ft Upon Completion ft After Hrs. ft

Soil Description	Depth (ft)	Blow Count (N)	Failure Mode	U (tsf)	M (SPT)
STIFF tanish brown CLAY LOAM	77.60	1.75 P		20	
VERY STIFF brown SILTY CLAY	95.60	3.0 S		18	
VERY STIFF brown SILTY CLAY	93.10	3.0 S		23	
STIFF tanish brown SILTY CLAY	90.60	1.40 B		29	
MEDIUM black LOAM	88.10	0.75 P		38	
VERY SOFT tanish gray SILTY TILL	85.60	0.16 B		19	
SOFT tanish gray SILTY CLAY TILL with ORGANICS	83.10	0.49 B		17	
STIFF rust gray SILTY CLAY TILL	80.60	1.40 B		15	
HARD rust gray SILTY CLAY TILL	77.60	3.0 B		14	

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)