

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	116RS-1	Ogle	593	221
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 1/18/00

ROUTE FA 549 DESCRIPTION P-92-004-97 Culvert on IL 72, 4.5 miles east of Forreston LOGGED BY W. Garza

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

COUNTY Ogle DRILLING METHOD HAMMER TYPE

STRUCT. NO.	DEPTH	B	U	M	Surface Water Elev.	DEPTH	B	U	M
Station	(ft)	(/6")	(tsf)	(%)	Dry	(ft)	(/6")	(tsf)	(%)
619 + 18									
BORING NO. B-1c					Groundwater Elev.:				
Station 619 + 00					First Encounter 85.0				
Offset 14.00ft Rt CL					Upon Completion				
Ground Surface Elev. 99.5					After				
	97.50		0.25	15	VERY SOFT brown SILTY CLAY LOAM	78.00	3	1.57	19
			P				5	S	
	96.00		0.25	11	VERY SOFT tanish brown weathered LIMESTONE with LOAM	76.00	7		
			P				12		
							22		
	93.50		1.25	17	STIFF tanish brown SILTY CLAY TILL	73.00	9		
			P				10		
							16		
	91.00		1.25	17	STIFF tanish brown SILTY CLAY TILL with LIME ROCK	71.00	10		
			P				13		
							12		
	88.50		1.5	23	STIFF brown SILTY LOAM with ORGANICS		7		
			P				13	2.53	22
							21	S	
	86.00		0.41	25	SOFT gray SILTY LOAM with SAND and TILL lens	66.00	7		
			B				9	2.18	24
							15	S	
	83.50		0.75	23	MEDIUM brown LOAM TILL	63.50	8		
			P				11	4.0	19
							32	P	
	81.00		1.31	25	STIFF rust tan gray SILT	61.00	8		
			S				13	5.02	17
							20	S	

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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Station	(ft)	(/6")	(tsf)	(%)	Dry	(ft)	(/6")	(tsf)	(%)
619 + 18									
BORING NO. B-1c					Groundwater Elev.:				
Station 619 + 00					First Encounter 85.0				
Offset 14.00ft Rt CL					Upon Completion				
Ground Surface Elev. 99.5					After				
	58.50		3.71	22	VERY STIFF gray SILTY CLAY, top 6" SILTY CLAY TILL (continued)		8		
			S				11		
							15		

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DATE-TIME
ADMS-SPEC
REF
REF
REF