## **BORING LOGS**

F.A RT	i.P. E.	SECTION	1	COUNT	Υ	TOTAL	SHEET NO.
54	19	116RS-1		OGLE	-	593	227
ST	Α.		TO	STA.			
FER	DOAD	DICT NO	DI MOIS	cen	AID	DDA IECT	

Illinois Depo of Transpo	rtm rta:	en: tior	† ጎ		(	SOIL BORING LOG		P	age	1 (	)T _
Division of Highways Illinois Dept. of Transportation						over a culvert, 0.8 mile south		Do	ate	2/	1/00
ROUTE FA 549 DESCRIP	TION			01 31	16 12	of Forreston L	OGGED	BY .	Moi	ntgom	ery
SECTION 116 RS-1	_ LOC	ATION	ا ا	Marylaı	nd Twj	D 27 SE, SEC. , TWP. 25N, RNG. 8E,	PM	•			
COUNTY Ogle DRI	LLING N	METHO	D			HAMMER TYP	E				
STRUCT. NO. Station 438 + 13		D E P	B L O	U C S	M 0 I	Surface Water Elev. 91.33 Stream Bed Elev. 90.0	f† f†	E	B L O	U C S	M 0 1
BORING NO.         B-2f           Station         427 + 90           Offset         14.00ft Rt CL		T H	W S	Qu	S	Groundwater Elev.: First Encounter 84.6 Upon Completion Wash	f† f+	T	W	Qu	S T
Ground Surface Elev. 99.6 STIFF brown CLAY LOAM	f†	(f†)	(/6")	(tsf)	(%)	After Hrs.  Begin Wash	f†	(ft) (/	/6") 7	(tsf)	(Z)
	97,60			1.5 P	19	MEDIUM Same as above	78.10		10 12		
VERY STIFF Same as above (fill)	31,00		7 6 7	6.5 B	23	MEDIUM gray fine SAND			12		
	95.60		'				75.10		12		
VERY STIFF Same as above (fill)		5 	2	2.0	22	STIFF gray CLAY TILL		25	4 5	1.25	14
	93.10		2	В			73.10		6	В	
MEDIUM block SILTY LOAM, 11% ORGANICS			2 2	0.5 B	52	STIFF gray SILT (sample ripped up) (very soft & plastic)			5 6 7	2.0 P	20
	90.60						70.60	1	'	•	
MEDIUM gray SANDY LOAM (SAND lenses)		-10	1 2	0.5	28	STIFF Same as above			2	1.5	15
	87.60		4	В		,	68.10		5	В	
LOOSE gray SAND	05.60	-	2 4 5			STIFF gray CLAY TILL	65.60		5 5	1.5 B	13
	85.60	-15					65.60	-35			
LOOSE Same as above			3		Current recommendation of the con-	VERY STIFF Same as above			5	3.0	9
	83.10		4				63.10	-	10	В	
MEDIUM tan SAND & GRAVEL			5			VERY STIFF Same as above			8 10	3.0	15
	80.60	-20	8				60.60	-40	13	В	

Illinois Depond Transporta  ROUTE FA 549 DESCRI  SECTION 116 RS-1  COUNTY Ogle DE	PTION LOCATIO	P-92-0 	04-97	IL 72	SOIL BORING LOG  over a culvert, 0.8 mile south of Forreston LOGGED BY  b 27 SE, SEC., TWP. 25N, RNG. 8E, PM  HAMMER TYPE	
STRUCT. NO.  Station 438 + 13  BORING NO. B-2f  Station 427 + 90  Offset 14,00ft Rt CL  Ground Surface Elev. 99.6  VERY STIFF Same as above	D E P T H	B L O W S	U C S Ou (tsf)	M 0 I S T	Surface Water Elev. 91.33 ft Stream Bed Elev. 90.0 ft  Groundwater Elev:: First Encounter 84.6 ft Upon Completion Wash ft After Hrs. ft	
MEDIUM tan SAND, contains weathered LIMESTONE  DENSE Same as above	57.60	7 8 11 15 30 25 11				
		0				

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)