BORING LOGS

	llinois Depa of Transport	rtme ation	ent 1			(SOIL BORIN	G LOG		·	_	of <u>1</u>
Division of Highways Illinios Department of Transportation/D-2 OUTE FA 742 DESCRIPTION					P92-064-86 Retaining wall along Route 2 from a point 950' S. of Mud Creek Road LOGGED BY W. Garza							
SECTION	37 RS-3		L	OCATIO	N	Rockva	le Twp 28NW, SEC. ,	TWP. 24N, RNG. 10	E			was to the same of
COUNTY	Ogle DRI	LLING M	ETHC	D		Но	low Stem Auger	HAMMER TYPE		CME-45	Automa	tic
BORING NO	B-11c 715+00 17.00ft Rt CL Elev. 681.70		T H	L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.	669.7 674.2	ft ▼ I	B L O W S (/6")	U C S Qu (tsf)	M O I S T
							VERY DENSE tan weat LIMESTONE (continued	hered)	660.70			
STIFF tan SILTY L	OAM	679.70		3 2 4	1,1 P	21.0	End of Boring					
MEDIUM dark gra LOAM	y SILTY CLAY	675.70	-5	2 3 2	0.5 P	32.0				-25		
STIFF dark gray S	SILTY LOAM		<u>Z</u>	1 2 4	1.0 B	38.0						
MEDIUM dark gra	y LOAM	673.20	-10	2	0.6 B	31.0				30		
MEDIUM tan LOAM weathered LIMES fragments		667.70	Y	1 2 5	0.9 P	23.0						
VERY DENSE tan 1 LIMESTONE	weathered	665.70		5 100/11'						-35		
VERY DENSE tan v LIMESTONE	weathered	663.20		100/9"								
			-20	100/1"						40		

Illinois Department of Transportation Division of Highways Illinios Department of Transportation/D-2					SOIL BORING LOG						2/08
ROUTE <u>FA 742</u> DESCRIPTION				P92-064-86 Retaining Wall, IL 2 at Mud Creek Road LOGGED						W.	Garza
SECTION 37 RS-3		L	OCATIO	ON _	Rockva	le Twp 28 NW, SEC. , TWP. 24N, RNG.	10E				
COUNTY Ogle DRI	LLING M	IETHC	D		Но	llow Stem Auger HAMMER TYP	E	B-53	Diedri	ch Aut	omatic
STRUCT. NO.		D E	B L	U	M 0	Surface Water Elev. 91.90 Stream Bed Elev.	ft ft	D E	B L	U C	M 0
DODING NO D 44		P T	O W	S	S	Croundwater Flow		P	O W	S	S
BORING NO. <u>B-1d</u> Station <u>727+00</u> Offset 18.00ft Rt CL		H	s	Qu	T	Groundwater Elev.: First Encounter <u>84.8</u> Upon Completion		Н	S	Qu	Ť
Ground Surface Elev. 99.80	ft	(ft)	(/6")	(tsf)	(%)	After Hrs.	ft	(ft)	(/6")	(tsf)	(%)
Shoulder						MEDIUM tan weathered LIMESTONE with SAND lens			14		
						LINESTONE WITH SAND ICHS	78.30		13 7		
		_					10.50	_			
STIFF brown SILTY CLAY LOAM	97.30		3			MEDIUM tan fine SAND with		-	7		
			4	1.8 P	23.0	SILTY CLAY lens			8 6	0.7 P	27.0
	95.80		6	P			75.80		- 0	r	
		-5						-25			
STIFF gray SILTY CLAY LOAM			2	1.3	21.0	VERY DENSE tan weathered	74.30	_	100/1"		
	93.30		4	1.3 P	21.0	Auger Refusal at 25.5'					
	33.30					Borehole continued with rock coring.					
SOFT dark gray SILTY LOAM		-	2					_			
JOHN GRAY SIETT LOAM			2	0.3	33.0			-			
	90.80		3	В							
								-			
MEDIUM dark gray SILTY CLAY		-10	3					-30			
LOAM			4	0.5 p	20.0						
	88.30		5	P				_			
MEDIUM dark gray SILTY LOAM with LIMESTONE fragments			2	0.5	23.0						
	85.80	_	4	P	25.0						
	05.00										
DENSE tan weathered		▼ -15	18					-35			
LIMESTONE			22					_			
	83.30		18								
								-30			
STIFF tan weathered		_	18								
LIMESTONE/SILTY CLAY lens			9	1.5	20.0						
	80.80		8	Р							
		-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)

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	Ī
c:\pw_work\PWIDOT\GRANTPM\dms31213\dØ66	Ø8logs.dgn	DRAWN -	REVISED -	ĺ
	PLOT SCALE = 1980.0040 in / IN.	CHECKED -	REVISED -	ĺ
	PLOT DATE = Tue Mar 30 09:31:26 2010	DATE -	REVISED -	i

STATI	E OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

	D	ΛD	INIC	IAC	0	F.A.P RTE.	SEC	TION	COUNTY	TOTAL SHEETS	SHEET NO.
BORING LOGS							31	37R-4		867	421
									CONTRAC	T NO.	54E17
CALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. RO	AD DIST. NO.	ILLINOIS FED. AI	D PROJECT		