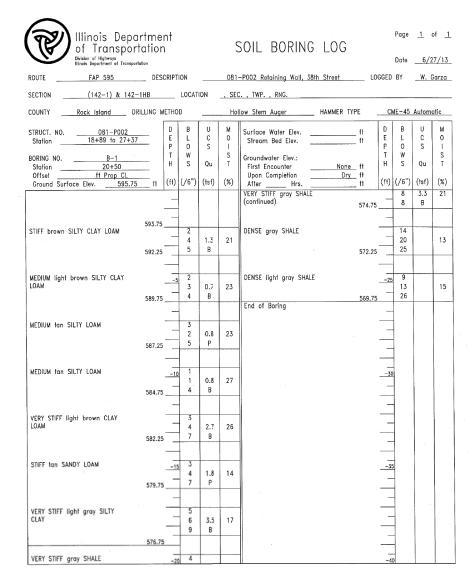
	BORING	3 140	J	•						Pag	ge 1 of		
CLIE	ENT CITY OF MOLINE												
SITE		PROJECT											
MOLINE, ILLINOIS			SLOPE STUDY										
Boring Location: Sta. 4+50, 16' right of centerline			Т		SAMPLES					TESTS			
	DESCRIPTION	یا	MBOL			RY, in.	. #	r. %	T WT	NED TH. psf			
GRAPHIC LOG	Approx. Surface Elev.: 91 ft	ОЕРТН, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY,	SPT - N ** BLOWS / ft.	WATER CONTENT.	DRY UNIT WT	UNCONFINED STRENGTH, psf			
***	FILL, LEAN TO FAT CLAY WITH		+		PA								
	1.5 ROOTS 89.5 Gray LEAN TO FAT CLAY		CL	1	ST	10		19	106	1300			
	Brown Soft to Medium		CL	2	ST	10		19	107	1850			
	6 85 FAT CLAY WITH FRAGMENTS OF	5-	СН	3	ST	17		28	96	700			
	WEATHERED SHALE Brown and Gray Stiff	-	СН	4	ST	24		17		*2500			
		10-	СН	5	SS	20	14	24		*3000			
			СН	6	SS	22	13	18					
	፟፟፟፟፟፟		СН	7	SS	22	29	10					
	15 76 HIGHLY TO MODERATELY WEATHERED SHALE*** Brown and Gray	15-		8	SS	22	40	15					
	Soft to Medium	-		9	SS	24	26/6" 50/6"	18					
		20-		10	SS	24	65	24					
		-		11	SS	22	90/9"	20					
				12	SS	16	50/5"						
		25-		13	SS	24	80/10"						
= 2	Continued Next Page		+	-	-	-		_	-	-			
The s	stratification lines represent the approximate boundary lines een soil and rock types: in-situ, the transition may be gradual.		_					-0	alibrat	*Pocket P	enetrome		
	TER LEVEL OBSERVATIONS, ft				Т	BOR	ING ST	-			4-3-		
					- 1		ING CO)	4-3-		
WL	Terr	2(70	1	RIG		_	_	OREMAN			
WL					- 1	APP	ROVE) \/\/I	(B J	OB# (70350		

BORING NO. 4 Page 2 of 2											
CLIE	NT CITY OF MOLINE										
SITE		PRO	JEC	Т							
	MOLINE, ILLINOIS	SLOPE STUDY									
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	
	***Classification of rock materials has been estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.										
The st	tratification lines represent the approximate boundary lines een soil and rock types: in-situ, the transition may be gradual.								alibrate	*Pocket f	Penetrometer
WATER LEVEL OBSERVATIONS, ft						*Calibrated Hand Penetrometer BORING STARTED 4-3-03					
WI Z 12 W.C. Y						BORING COMPLETED 4-3-03					
	is w.s. v	ים:		7	-a r	RIG			_	OREMA	
WL		-			- 1	_	ROVED		_		07035019



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 T205)

BBS, from 137 (Rev. 8-99)

(Sheet 3 of 4)

LIN ENGINEERING,LTD.

Consulting Engineers
Springfield, Illinois

LIN ENGINEERING,LTD.

Consulting Engineers
Springfield, Illinois

PLOT SCALE = DRAWN - AJF REVISED

PLOT DATE = CHECKED - MTH REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

A.P. SECTION COUNTY TOTAL SHEETS NO.
95 (142-1)R & 142-1HB ROCK ISLAND 507 363U
CONTRACT NO. 64B84