

BORING NO. 2												Page 1 of 1	
CLIENT			CITY OF MOLINE									PROJECT	SLOPE STUDY
SITE			3800 38TH AVENUE MOLINE, ILLINOIS									Boring Location: Sta. 3+65, 16' right of centerline	TESTS
GRAPHIC LOG	DEPTH, ft.	USCS SYMBOL	SAMPLES		RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	TESTS			
			NUMBER	TYPE						PA			
Approx. Surface Elev.: 91 ft													
	2.5	CL CH	1	ST	12		25	103	2070				
FILL, LEAN CLAY, TRACE ORGANICS Dark Brown													
	5	CL CH	2	ST	14		21	104	*2000 1500				
LEAN TO FAT CLAY Brown Medium to Stiff													
	7	CL CH	3	ST	10		19	107	2630				
FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE Brown and Gray to Dark Gray Stiff													
	10	CH	4	ST	16		22	106	2520				
	10	CH	5	SS	15	14	28		*3000				
	10	CH	6	SS	12	17	41		*3000				
	14	CH	7	SS		24	3						
HIGHLY TO MODERATELY WEATHERED SHALE*** Gray and Brown Soft to Medium													
	15		8	SS	22	56	16						
	20		9	SS	24	80	13						
	20		10	SS	24	44	25						
	21		11	SS	18	20/6" 50/6"	14						
BOTTOM OF BORING													
***Classification of rock materials has been estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.													
The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. *Pocket Penetrometer **CME 140 lb. SPT automatic hammer													
WATER LEVEL OBSERVATIONS, ft			BORING STARTED			4-3-03			Terracon				
WL	10	W.S.	BORING COMPLETED			4-3-03			RIG 93 FOREMAN JC				
WL			APPROVED WKB			JOB # 07035019							

BORING NO. 3												Page 1 of 2	
CLIENT			CITY OF MOLINE									PROJECT	SLOPE STUDY
SITE			3800 38TH AVENUE MOLINE, ILLINOIS									Boring Location: Sta. 4+08, 16' right of centerline	TESTS
GRAPHIC LOG	DEPTH, ft.	USCS SYMBOL	SAMPLES		RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	TESTS			
			NUMBER	TYPE						PA			
Approx. Surface Elev.: 91 ft													
	3	CL CH	1	ST	15		16	111	2515				
FILL, LEAN TO SILTY CLAY WITH ORGANICS Gray to Brown													
	5	CL CH	2	ST	20		21	107	1770				
SILTY TO FAT CLAY Brown Medium													
	5	CH	3	SS	12		21	108	1930				
FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE Brown to Gray Stiff													
	10	CH	4	ST	22	16			*2500				
	10	CH	5	ST	18	15	19		*2500				
	10	CH	6	ST	20	24	3						
	14		7	ST	24	37	27						
HIGHLY TO MODERATELY WEATHERED SHALE*** Brown and Gray Soft to Medium													
	15		8	ST	16	80/10"	16						
	20		9	ST	16	95/12"	22						
	20		10	ST	24	50	16						
	20		11	ST	24	75/10"	16						
	25		12	ST	24	30/6" 50/6"	15						
Continued Next Page													
The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual. *Pocket Penetrometer **Calibrated Hand Penetrometer													
WATER LEVEL OBSERVATIONS, ft			BORING STARTED			4-3-03			Terracon				
WL	11	W.S.	BORING COMPLETED			4-3-03			RIG 93 FOREMAN JC				
WL			APPROVED WKB			JOB # 07035019							

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			NUMBER	TYPE						PA			
BOTTOM OF BORING													
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WATER LEVEL OBSERVATIONS, ft			BORING STARTED			4-3-03			Terracon				
WL	11	W.S.	BORING COMPLETED			4-3-03			RIG 93 FOREMAN JC				
WL			APPROVED WKB			JOB # 07035019							



USER NAME =	DESIGNED - TBP	REVISED ADDENDUM 1	8/15/2013
FILE NAME =	CHECKED - VPT	REVISED	
PLOT SCALE =	DRAWN - AJF	REVISED	
PLOT DATE =	CHECKED - MTH	REVISED	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS  
RETAINING WALL - STA. 18 + 89.06 TO STA. 27 + 37.02  
SD-16 OF SD-18

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(142-1JR & 142-1HB)	ROCK ISLAND	507	363T
CONTRACT NO. 64B84				
ILLINOIS FED. AID PROJECT				

(Sheet 2 of 4)