

N:\PROJECTS\030333\03\CONTRACT\1\Design\Structure\CAD\Solder_Pile_Wall_3.dgn

BORING NO. 1										Page 1 of 1	
CLIENT		CITY OF MOLINE		PROJECT							
SITE		3800 38TH AVENUE MOLINE, ILLINOIS		SLOPE STUDY							
Boring Location: Sta. 4+25, 40' left of centerline											
GRAPHIC LOG	DESCRIPTION		DEPTH, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
	Approx. Surface Elev.: 101 ft										
	LEAN TO SILTY CLAY WITH ORGANICS (COLLUVIAL DEPOSIT)		88	HS	1	ST	8		34	83	*400
	CLAYEY SILT		97	ML	2	ST	17		26	95	2620
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		97	CH	3	ST	17		25	100	1650
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		10	CH	4	ST	18		19	115	2220
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		10	CH	5	ST	14		16	104	3985
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		13	CH	6	ST	10		13	115	2950
	MODERATELY WEATHERED SHALE***		15	ST	7	ST	18	87	13		
	MODERATELY WEATHERED SHALE***		15	ST	8	ST	18	50/3"	11		
	MODERATELY WEATHERED SHALE***		20	ST	9	ST	14	50/5"	10		
	BOTTOM OF BORING		78	RB							

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		4-14-03	
WL 1	W.S.	BORING COMPLETED		4-14-03	
WL 2	W.S.	RIG		93 FOREMAN JC	
WL 3	W.S.	APPROVED		WKB JOB # 07035019	

BORING NO. 2										Page 1 of 1	
CLIENT		CITY OF MOLINE		PROJECT							
SITE		3800 38TH AVENUE MOLINE, ILLINOIS		SLOPE STUDY							
Boring Location: Sta. 3+65, 16' right of centerline											
GRAPHIC LOG	DESCRIPTION		DEPTH, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
	Approx. Surface Elev.: 91 ft										
	FILL, LEAN CLAY, TRACE ORGANICS		88.5	PA	1	ST	12		25	103	2070
	LEAN TO FAT CLAY		84	CL	2	ST	14		21	104	*2000 1500
	LEAN TO FAT CLAY		5	CL	3	ST	10		19	107	2630
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		7	CH	4	ST	16		22	106	2520
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		10	CH	5	SS	15	14	28		*3000
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		10	CH	6	SS	12	17	41		*3000
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		14	CH	7	SS	24	3			
	HIGHLY TO MODERATELY WEATHERED SHALE***		15	SS	8	SS	22	56	16		
	HIGHLY TO MODERATELY WEATHERED SHALE***		20	SS	9	SS	24	80	13		
	HIGHLY TO MODERATELY WEATHERED SHALE***		20	SS	10	SS	24	44	25		
HIGHLY TO MODERATELY WEATHERED SHALE***		20	SS	11	SS	18	20/6" 50/6"	14			
BOTTOM OF BORING		70									

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	
WL 10	W.S.	BORING COMPLETED		4-3-03	
WL 11	W.S.	RIG		93 FOREMAN JC	
WL 12	W.S.	APPROVED		WKB JOB # 07035019	

BORING NO. 3										Page 1 of 2	
CLIENT		CITY OF MOLINE		PROJECT							
SITE		3800 38TH AVENUE MOLINE, ILLINOIS		SLOPE STUDY							
Boring Location: Sta. 4+08, 16' right of centerline											
GRAPHIC LOG	DESCRIPTION		DEPTH, ft.	USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
	Approx. Surface Elev.: 91 ft										
	FILL, LEAN TO SILTY CLAY WITH ORGANICS		88	PA	1	ST	15		16	111	2515
	LEAN TO SILTY CLAY WITH ORGANICS		3	CL	2	ST	20		21	107	1770
	SILTY TO FAT CLAY		5	CH	3	SS	12		21	108	1930
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		5	CH	4	PA	22	16			*2500
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		10	CH	5	ST	18	15	19		*2500
	FAT CLAY WITH FRAGMENTS OF WEATHERED SHALE		10	CH	6	ST	20	24	3		
	HIGHLY TO MODERATELY WEATHERED SHALE***		14	ST	7	ST	24	37	27		
	HIGHLY TO MODERATELY WEATHERED SHALE***		15	ST	8	ST	16	80/10"	16		
	HIGHLY TO MODERATELY WEATHERED SHALE***		15	ST	9	ST	16	95/12"	22		
	HIGHLY TO MODERATELY WEATHERED SHALE***		20	ST	10	ST	24	75/10"	16		
HIGHLY TO MODERATELY WEATHERED SHALE***		20	ST	11	ST	24	75/10"	16			
HIGHLY TO MODERATELY WEATHERED SHALE***		25	ST	12	ST	24	30/6" 50/6"	15			
BOTTOM OF BORING		66									

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	
WL 11	W.S.	BORING COMPLETED		4-3-03	
WL 12	W.S.	RIG		93 FOREMAN JC	
WL 13	W.S.	APPROVED		WKB JOB # 07035019	



USER NAME = rdenley	DESIGNED - BWS	REVISED - Addendum 1 8/15/2013
PLOT SCALE = 0:2.0000 '1" / 1"	CHECKED - JUH	REVISED -
PLOT DATE = 8/15/2013	DRAWN - RD	REVISED -
	CHECKED - JUH	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORINGS - 1
STRUCTURE NO. 081-P003**

SHEET NO. SC-3 OF SC-4 SHEETS

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