

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-1	ROCK ISLAND	239	127
FED. ROAD DIST. NO. 2		REL. DIST.	FED. AID PROJECT	

Contract No. 84596



SOIL BORING LOG

Page 1 of 1

Date 7/25/03

ROUTE FA 595 DESCRIPTION D92-118-94 Retaining Wall, IL 5 Blackhawk Road in Rock Island LOGGED BY C. Jenkins

SECTION 1-1 LOCATION South Rock Island Twp. - 13SW, SEC. 1, TWP. 17N, R1G. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	DEPTH H	BLOW S	UCS Qu	MOIST T	Surface Water Elev.		DEPTH H	BLOW S	UCS Qu	MOIST T
					None	ft				
BORING NO. B-1 Station 80+50 Offset 48.00ft LI CL Ground Surface Elev. 584.8					None	ft				
					None	ft				
					Groundwater Elev.:					
					First Encounter	579.8	ft	▽		
					Upon Completion	575.3	ft	▽		
					After	Hrs.				
MEDIUM tan SILTY LOAM			0.6	20	Same as above	574.30		100/2'		
			P		End of Boring			PEN		
MEDIUM brown SILTY CLAY	592.30	3								
		4	0.8	15						
		5	B							
	590.30									
DENSE tan very fine grained sugar SAND		5								
		11								
	588.30	20								
VERY DENSE tan very fine grained sugar SAND (sandstone)		40								
		72								
	585.60	28								
Same as above		100/8'								
		PEN								
		38								
		62								
	583.30	100/8'								
		PEN								
		46								
		54								
	580.80	100/12'								
		PEN								
VERY DENSE tan/gray mottled very fine SAND (sandstone)		40								
		47								
	578.30	53								
		100/11'								
		PEN								
VERY DENSE tan/gray/green mottled very fine SAND (sandstone)		74								
		26								
	575.80	100/8'								
		PEN								
		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 T208)
BBS, from 137 (Rev. 8-99)

DESIGNED	NDR
CHECKED	DSE
DRAWN	RTT
CHECKED	DSE
DATE	JAN 31, 2006



SOIL BORING LOG

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Date 7/28/03

ROUTE FA 595 DESCRIPTION D92-118-94 Retaining Wall, IL 5 Blackhawk Road in Rock Island LOGGED BY C. Jenkins

SECTION 1-1 LOCATION South Rock Island Twp. - 13SW, SEC. 1, TWP. 17N, R1G. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	DEPTH H	BLOW S	UCS Qu	MOIST T	Surface Water Elev.		DEPTH H	BLOW S	UCS Qu	MOIST T
					None	ft				
BORING NO. B-2 Station 80+50 Offset 20.00ft LI CL Ground Surface Elev. 586.1					None	ft				
					None	ft				
					Groundwater Elev.:					
					First Encounter	576.8	ft	▽		
					Upon Completion	577.0	ft	▽		
					After	Hrs.				
MEDIUM tan SILTY LOAM with some GRAVEL			0.6	16						
			P							
STIFF gray SILTY CLAY	584.10	3								
		13	1.9	15						
		7	P							
	582.10									
LOOSE gray fine grained sugar SAND (sandstone)		2								
		1								
	580.10	5								
VERY DENSE tan fine grained sugar SAND (sandstone)		100/2'								
		PEN								
	577.60									
VERY DENSE gray SHALE		30								
		51								
Auger Refusal	575.10	49								
End of Boring		100/9'								
		PEN								
		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 T208)
BBS, from 137 (Rev. 8-99)



SOIL BORING LOGS B-1 AND B-2
RETAINING WALL D ALONG
IL ROUTE 5
FA 595 (IL ROUTE 5) SECTION 1-1
ROCK ISLAND COUNTY
STA 76+50.00 TO STA 81+70.00
STRUCTURE NO. 081-W006