

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	132% SHEETS	SHEET NO.	SHEET NO. 8
595	1-1	ROCK ISLAND	239	140	12 SHEETS
FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT - Contract No. 84986					



Illinois Department  
of Transportation  
Division of Highways  
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

Date 9/25/03

ROUTE FA 595 DESCRIPTION P92-118-94 30th St. Retaining Wall @ John Deere Road, 30th St. in Rock Island LOGGED BY C. Jenkins

SECTION 1-1 LOCATION S. Rock Island Twp. - 13 SW & SE, SEC. , TWP. 17N, RNG. 2W

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

STRUCT. NO.	DEPT	BL	UCS	M	Surface Water Elev.	DEPT	BL	UCS	M
Station	H	OW	S	O	None ft	H	OW	S	O
BORING NO.	TH	W	Qu	I	Stream Bed Elev.	TH	W	Qu	I
Station	S	S	(tsf)	T	None ft	S	S	(tsf)	T
Offset	(ft)	(/6")	(%)		Groundwater Elev.:	(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.	ft				First Encounter				
593.6					Upon Completion				
					After				
					Hrs.				
Asphalt									
MEDIUM tan SILTY LOAM			0.8	11	VERY DENSE gray/black SHALE		15		
			E				24		
						574.60	44		
VERY STIFF tan/gray SILT	593.60	5			Same as above		14		
135.2 wet dens.		7	2.1	14			100/6"		
	592.10	7	S			572.10	PEN		
Same as above					Same as above		30		
126.7 wet dens.		2	2.0	21			70		
	589.60	5	S			589.60	100/11"		
							PEN		
VERY STIFF brown/black SILTY		4			Same as above		100/6"		
CLAY with a COAL lens		4	2.5	30			PEN		
122.5 wet dens.	587.10	12	S			587.10			
VERY STIFF gray/tan SHALEY		8			End of Boring		100/6"		
CLAY with a COAL lens		7	3.7	17		565.90	PEN		
128.9 wet dens.	584.60	11	S						
Same as above		7							
142.7 wet dens.		10	3.4	17					
	581.60	15	S						
DENSE gray/black SHALE		9							
		12							
	579.60	21							
VERY DENSE gray/black SHALE		50							
		30							
	577.10	43							

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)

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



Illinois Department  
of Transportation  
Division of Highways  
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

Date 9/26/03

ROUTE FA 595 DESCRIPTION P92-118-94 30th St. Retaining Wall John Deere Road, 30th St. in Rock Island LOGGED BY C. Jenkins

SECTION 1-1 LOCATION S. Rock Island Twp. - 13 SW & SE, SEC. , TWP. 17N, RNG. 2W

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

STRUCT. NO.	DEPT	BL	UCS	M	Surface Water Elev.	DEPT	BL	UCS	M
Station	H	OW	S	O	None ft	H	OW	S	O
BORING NO.	TH	W	Qu	I	Stream Bed Elev.	TH	W	Qu	I
Station	S	S	(tsf)	T	None ft	S	S	(tsf)	T
Offset	(ft)	(/6")	(%)		Groundwater Elev.:	(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.	ft				First Encounter				
605.0					Upon Completion				
					After				
					Hrs.				
Asphalt									
Concrete									
VERY STIFF tan SILT			2.2	13	VERY DENSE gray/black SHALE		11		
			P				32		
						583.00	48		
VERY STIFF tan SILTY CLAY	602.00	4			Same as above		42		
TILL		3	3.1	16			58		
140.6 wet dens.	600.50	6	S			580.50	100/10"		
							PEN		
STIFF tan SILTY CLAY TILL		4			VERY DENSE gray/black SHALE		100/6"		
137.4 wet dens.		5	1.7	17	with 2" coal lens at bottom	579.00	PEN		
	598.00	8	S		End of Boring				
VERY STIFF tan mottled SILTY		5							
CLAY TILL		6	3.9	15					
142.7 wet dens.	595.50	8	S						
Same as above		6							
138.4 wet dens.		7	3.1	15					
	593.00	9	S						
VERY STIFF gray/tan mottled		5							
SHALEY CLAY		6	3.7	16					
154.4 wet dens.	590.50	9	S						
VERY STIFF olive green SILTY		3							
CLAY TILL over 4" SHALE		5	3.3	15					
138.4 wet dens.		9	S						
	587.50								
VERY DENSE gray/black SHALE		12							
		100/3"							
	585.50	PEN							

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)

Illinois Firm Registration No. 84-00533

Stanley Consultants INC.  
850 West Higgins Road, Suite 730, Chicago, Illinois 60631-2800  
www.stanleygroup.com

SOIL BORING LOGS B-1 AND B-2  
RETAINING WALL E ALONG  
30TH STREET  
FA 595 (IL ROUTE 5) SECTION 1-1  
ROCK ISLAND COUNTY  
STA 302+50.00 TO STA 304+10.00  
STRUCTURE NO. 081-W007