STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-1	ROCK ISLAND	239	156
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT -		

SHEET NO. 12
13 SHEETS
Contract No. 84996

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/14/05

ROUTE FA 595 DESCRIPTION D92-118-94 Indian Hill Road off of John Deere Road, retaining wall LOGGED BY W. Garza

SECTION 1-1 LOCATION Rock Island Twp. - 13 NW, SEC. , TWP. 17N, RNG. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 12+00

BORING NO. B-2a
Station 11+98
Offset 3.00ft Lt CL
Ground Surface Elev. 607.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown SILTY CLAY	605.60			0.4 P	20
STIFF brown SANDY LOAM	603.80		4 3 4	1.1 P	12
MEDIUM brown medium dry SAND	601.10	-5	4 7 8		
VERY STIFF redish brown CLAY LOAM with SANDY LOAM lens	599.10		4 4 5	2.4 S	20
VERY STIFF brown CLAY LOAM TILL	596.60	-10	6 12 13	3.1 B	14
HARD gray/olive green SILTY CLAY LOAM TILL	594.10		8 10 16	6.2 B	12
HARD gray LOAM TILL	591.80	-15	7 10 17	4.5 B	10
HARD gray CLAY TILL with bottom 3" SANDSTONE	588.60		4 9 13	5.2 B	13
DENSE gray SHALE		-20			
DENSE gray SHALE *(continued)*	586.60		8 14 27		11
VERY DENSE gray SHALE Auger Refusal at 24'	583.60		7 14 86/4"		
End of Boring		-25			
		-30			
		-35			
		-40			

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 Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 12/14/05

ROUTE FA 595 DESCRIPTION D92-118-94 John Deere Road at Indian Hill Road, retaining wall LOGGED BY W. Garza

SECTION 1-1 LOCATION Rock Island Twp. - 13 NW, SEC. , TWP. 17N, RNG. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.
Station 13+00

BORING NO. B-3a
Station 13+00
Offset 2.00ft Lt CL
Ground Surface Elev. 622.2 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY	619.70		2 3 3	0.5 P	18
STIFF brown SILTY LOAM	618.20			1.2 P	19
MEDIUM tan SILTY LOAM	615.70	-5	2 3 5	0.6 S	17
MEDIUM tan/light gray SILTY LOAM	613.20		2 3 3	0.5 B	24
STIFF light gray SILTY LOAM	610.20	-10	2 3 4	1.1 P	19
LOOSE tan fine dry SAND	608.20		3 3 4		
LOOSE/MEDIUM tan fine dry SAND with SILT lens	605.70	-15	3 4 6		
MEDIUM tan fine SAND with SILTY lens	603.20	-20	4 6 10		
No sample	600.70				
MEDIUM/DENSE redish brown medium clean SAND	597.70		4 12 18		
MEDIUM gray CLAY TILL	595.70	-25	6 8 11		13
MEDIUM gray CLAY TILL	593.20		7 10 14		
MEDIUM gray CLAY TILL	590.70	-30	7 8 13		
MEDIUM gray CLAY TILL	588.20		7 8 11	3.5 S	13
MEDIUM gray CLAY TILL Auger Refusal at 37', in SHALE	585.20	-35	6 8 12		
End of Boring		-40			

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. 184-00633
Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleygroup.com

DESIGNED	-	NLV
CHECKED	-	DSE
DRAWN	-	RTT
CHECKED	-	DSE
DATE	-	JAN 31, 2006

SOIL BORING LOGS B-2a AND B-3a
RETAINING WALL F ALONG
INDIAN HILL ROAD
FA 595 (IL ROUTE 5) SECTION 1-1
ROCK ISLAND COUNTY
STA 80+86.37 TO STA 13+73.25

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15-FEB-2006