STS Consultants Ltd.
OWNER: IDNR/City of Yorkville
PROJECT NAME: Yorkville Dam
ARCHITECT-ENGINEER: Teng & Assoc.
SITE LOCATION: Kendall County, Illinois
LOG OF BORING NUMBER C-1

DESCRIPTION OF MATERIAL

SURFACE ELEVATION +575.0 NGVD
Portland Cement Concrete
Compressive strength = 7,350 psi
7/16 in. diameter rebar at 2.8 ft.
. . . continued

The stratification lines represent the approximate boundary lines between soil types; in situ, the transition may be gradual.
STS JOB NO. 34098 SHEET NO. 1 OF 3

STS Consultants Ltd.
OWNER: IDNR/City of Yorkville
PROJECT NAME: Yorkville Dam
ARCHITECT-ENGINEER: Teng & Assoc.
SITE LOCATION: Kendall County, Illinois
LOG OF BORING NUMBER C-1

DESCRIPTION OF MATERIAL

SURFACE ELEVATION +575.0 NGVD (Continued)
Portland Cement Concrete
Compressive strength = 5,840 psi
Unit height = 145.3 pcf
Cold joint at 12.25 ft.
Compressive strength = 1,850 psi
Unit weight = 146.1 pcf
15.1 Shaly limestone
15.5 Moderately weathered soft shale
Recovery = 100%
RQD = 78%
. . . continued

The stratification lines represent the approximate boundary lines between soil types; in situ, the transition may be gradual.
STS JOB NO. 34098 SHEET NO. 2 OF 3

STS Consultants Ltd.
OWNER: IDNR/City of Yorkville
PROJECT NAME: Yorkville Dam
ARCHITECT-ENGINEER: Teng & Assoc.
SITE LOCATION: Kendall County, Illinois
LOG OF BORING NUMBER C-1

DESCRIPTION OF MATERIAL

SURFACE ELEVATION +575.0 NGVD (Continued)
18.0 Hard shaly limestone
18.3 Moderately weathered soft shale
18.8 Hard shaly limestone
19.3 Moderately weathered soft shale
20.1 End of Boring
Borehole grouted upon completion.

The stratification lines represent the approximate boundary lines between soil types; in situ, the transition may be gradual.

DV	BORING STARTED 8/31/04	STS OFFICE Chicago Area - 01	
DV	BORING COMPLETED 8/31/04	ENTERED BY KKB	SHEET NO. 3 OF 3
DV	RIG FOREMAN D-25/Lehtinen	APPD BY DSD	STS JOB NO. 34098

STS Consultants Ltd.
OWNER: IDNR/City of Yorkville
PROJECT NAME: Yorkville Dam
ARCHITECT-ENGINEER: Teng & Assoc.
SITE LOCATION: Kendall County, Illinois
LOG OF BORING NUMBER C-2

DESCRIPTION OF MATERIAL

SURFACE ELEVATION +575.0 NGVD
Portland Cement Concrete
Compressive strength = 2920 psi
Unit weight = 150.7 pcf
Compressive Strength = 10,050 psi
Unit weight = 150.1 pcf
. . . continued

The stratification lines represent the approximate boundary lines between soil types; in situ, the transition may be gradual.
STS JOB NO. 34098 SHEET NO. 1 OF 3

STS Consultants Ltd.
OWNER: IDNR/City of Yorkville
PROJECT NAME: Yorkville Dam
ARCHITECT-ENGINEER: Teng & Assoc.
SITE LOCATION: Kendall County, Illinois
LOG OF BORING NUMBER C-2

DESCRIPTION OF MATERIAL

SURFACE ELEVATION +575.0 NGVD (Continued)
Portland Cement Concrete
Cold joint at 17.17 ft.
Compressive strength = 3000 psi
Unit weight = 143.5 pcf
. . . continued

The stratification lines represent the approximate boundary lines between soil types; in situ, the transition may be gradual.
STS JOB NO. 34098 SHEET NO. 2 OF 3

STS Consultants Ltd.
OWNER: IDNR/City of Yorkville
PROJECT NAME: Yorkville Dam
ARCHITECT-ENGINEER: Teng & Assoc.
SITE LOCATION: Kendall County, Illinois
LOG OF BORING NUMBER C-2

DESCRIPTION OF MATERIAL

SURFACE ELEVATION +575.0 NGVD (Continued)
Portland Cement Concrete
19.5 Moderately weathered soft shale
Recovery = 80%
RQD = 60%
20.2 Hard shaly limestone
21.3 Moderately weathered soft shale
24.5 End of Boring
Borehole grouted upon completion.

The stratification lines represent the approximate boundary lines between soil types; in situ, the transition may be gradual.

VM	BORING STARTED 1/1/00	STS OFFICE Chicago Area - 01	
VM	BORING COMPLETED 9/1/04	ENTERED BY KKB	SHEET NO. 3 OF 3
VM	RIG FOREMAN D-25/Lehtinen	APPD BY DSD	STS JOB NO. 34098

STS Consultants Ltd.
OWNER: IDNR/City of Yorkville
PROJECT NAME: Yorkville Dam
ARCHITECT-ENGINEER: Teng & Assoc.
SITE LOCATION: Kendall County, Illinois
LOG OF BORING NUMBER F-1

DESCRIPTION OF MATERIAL

SURFACE ELEVATION +580.0 NGVD
0.3 Topsoil
Fill: Gravelly clay, little silt, trace sand, crushed concrete and brick fragments - brown - moist (CL)
. . . continued

The stratification lines represent the approximate boundary lines between soil types; in situ, the transition may be gradual.
STS JOB NO. 34098 SHEET NO. 1 OF 3

STS Consultants Ltd.
OWNER: IDNR/City of Yorkville
PROJECT NAME: Yorkville Dam
ARCHITECT-ENGINEER: Teng & Assoc.
SITE LOCATION: Kendall County, Illinois
LOG OF BORING NUMBER F-1

DESCRIPTION OF MATERIAL

SURFACE ELEVATION +580.0 NGVD (Continued)
Highly weathered shale
15.0 Moderately weathered soft shale
15.3 Hard shaly limestone
Recovery = 99%
RQD = 83%
16.1 Moderately weathered soft shale
16.7 Hard shaly limestone
17.8 Moderately weathered soft shale
19.8 Hard shaly limestone
Qu = 15,345 psi
20.5 Moderately weathered soft shale
21.0 Hard shaly limestone
21.4 Moderately weathered soft shale
. . . continued

The stratification lines represent the approximate boundary lines between soil types; in situ, the transition may be gradual.
STS JOB NO. 34098 SHEET NO. 2 OF 3

LOCATION OF BORINGS ON SHEET B2

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Designed by JPR Checked by TKL
Drawn by JPR Checked by TKL
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