

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|---------------------|----------|------------------|--------------|-----------|---------------------------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | SHEET NO. 30 32 SHEETS |
| FAU 1312 | 0707-B | Cook | 80 | 64 | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | | |

Contract # 60B98

PAGE 1 of 1

DATE June 25-26, 2007

LOGGED BY RH

GSI JOB No. 07005

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Arden - Circle, Suite 204
Naperville, Illinois 60565
(630) 251-2228

ROCK CORE LOG

ROUTE FAU 1312 DESCRIPTION IDOT Project No. D-91-065-07, Contract No. 60B98

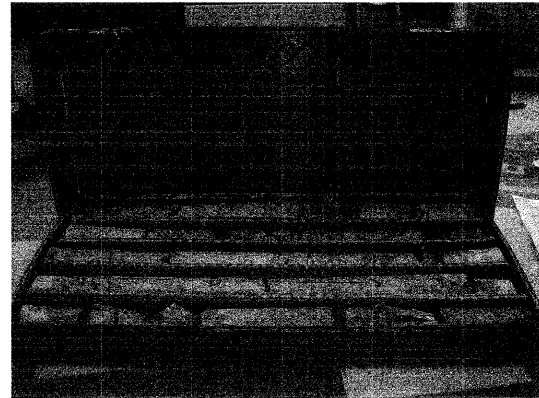
SECTION 0707-B LOCATION Evanston Street Bridge over North Shore Channel, Cook County, Illinois

COUNTY Cook CORING METHOD Rotary Wash

STRUCT. NO. XX CORING BARREL TYPE & SIZE NX Double Swivel-10 ft
Station 100+31.5 to 105+70 Core Diameter 2.0 in
Top of Rock Elev. 502.0
BORING NO. BR-1 Begin Core Elev. 501.5
Station: 101+39
Offset: 22.0' Left
Ground Surface Elev. 601.5

| DEPTH (ft) | RUN (#) | RECOVERY (%) | Q.D. (%) | CORRECTION (min/ft) | STRENGTH (tsf) |
|------------|---------|--------------|----------|---------------------|----------------|
| | 1 | 100.0 | 69.0 | n/a | 560 |

SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE
RUN 1 (-100.0' to -110.0')
Silurian System, Niagaran Series Dolomite
Light gray mottled gray with horizontal to wavy bedding. Slightly porous with some small vugs. Horizontal fractures @ -100.5' & -101.1'. Highly fractured from -101.1' to -101.6'. Horizontal fractures @ -102.0', -102.4', -102.7', -102.8', -103.1', -103.7', -104.6', -105.2', -105.7', -105.8', -106.0', -106.3', -107.0', -107.7' & -107.8'. Highly fractured from -108.3' to -108.8', and from -109.2' to -109.7'.
Recovery=100.0%
R.Q.D.=69.0%



Color pictures of the cores XX. Cores will be stored for examination for XX.
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

PAGE 1 of 1

DATE June 12, 2007

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Geotechnical, Environmental & Civil Engineering
805 Arden - Circle, Suite 204
Naperville, Illinois 60565
(630) 251-2228

ROCK CORE LOG

ROUTE FAU 1312 DESCRIPTION IDOT Project No. D-91-065-07, Contract No. 60B98

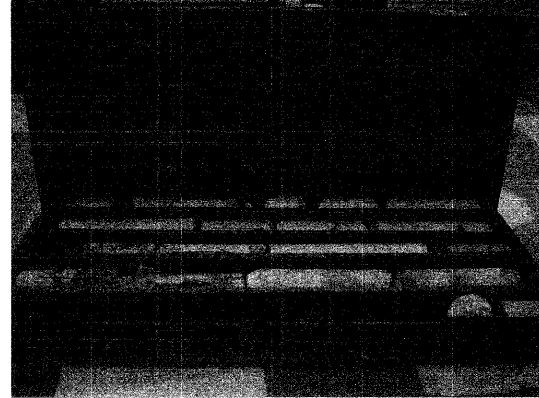
SECTION 0707-B LOCATION Evanston Street Bridge over North Shore Channel, Cook County, Illinois

COUNTY Cook CORING METHOD Rotary Wash

STRUCT. NO. XX CORING BARREL TYPE & SIZE NX Double Swivel-10 ft
Station 100+31.5 to 105+70 Core Diameter 2.0 in
Top of Rock Elev. 502.3
BORING NO. BR-2 Begin Core Elev. 501.3
Station: 104+49
Offset: 19' Right
Ground Surface Elev. 601.3

| DEPTH (ft) | RUN (#) | RECOVERY (%) | Q.D. (%) | CORRECTION (min/ft) | STRENGTH (tsf) |
|------------|---------|--------------|----------|---------------------|----------------|
| | 1 | 98.2 | 67.6 | n/a | 601 |

SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE
RUN 1 (-100.0' to -108.5')
Silurian System, Niagaran Series Dolomite
Light gray & fine grained with horizontal to wavy bedding becoming weathered & porous with gray mottling and wavy bedding @ -106.2'. Horizontal fractures throughout.



Color pictures of the cores XX. Cores will be stored for examination for XX.
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

| | |
|----------|-----|
| DESIGNED | SRT |
| CHECKED | JJI |
| DRAWN | JSS |
| CHECKED | JJI |

BL Bollinger, Lach & Associates, Inc.

ROCK CORE LOGS BR-1 & BR-2
EMERSON STREET OVER
NORTH SHORE CHANNEL
(PUBLIC BODY OF WATER)
F.A.U. ROUTE 1312 SECTION 0707-B
COOK COUNTY STA. 102+84.62
STRUCTURE NUMBER 016-2858