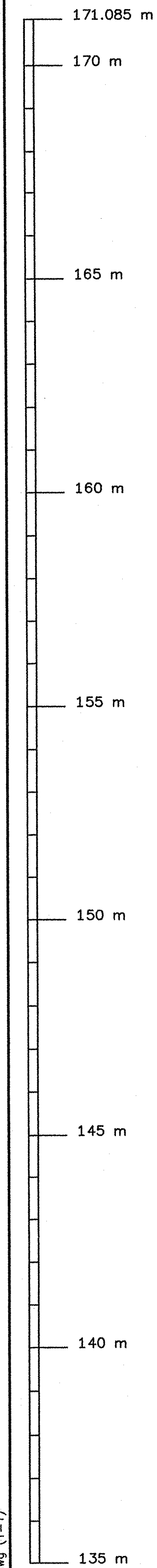


NOTE: THE BORINGS SHOWN ON THIS SHEET WERE PERFORMED IN ENGLISH UNITS AND HAVE NOT BEEN CONVERTED TO METRIC UNITS.



JAMAICA BR 013-1(8)
BORING NO. B-1

165.67 m
ELEV. 543.54'

Survey Sta. 180+35, 67' Rt.

| DEPTH | BLOWS ON CASING | STANDARD PENETRATION | SAMPLE NUMBER | MOISTURE | COLOR | LABORATORY CLASSIFICATION OF SOIL |
|-------|-----------------|----------------------|---------------|----------|-------|---|
| 5 | | | 51 | MTW | Br | A-1-a Sandy Gravel w=9.7% Rec 0.9' |
| 10 | | | R | W | Br | A-1-a Sandy Gravel w=14.1% Rec 0.5' |
| 15 | | | 24 | W | Br | A-1-a Sandy Gravel w=10.3% Rec 0.6' |
| 20 | | | 23 | W | Br | A-3 Gravelly Sand w=26.2% Rec 0.6' |
| 25 | | | 33 | MTW | Br | A-3 Sand w=26.1% Rec 1.0' |
| 30 | | | 38 | M | Br | A-3 Gravelly Sand w=22.3% Rec 1.3' |
| 35 | | | 38 | M | Br | A-4 Sandy Silt w=11.0% Rec 1.2' |
| 40 | | | | | | AXMDC 39.0-42.0' Boulders |
| 45 | | | | | | AXMDC 44.0-49.0' Boulders |
| 50 | | | R | M | Gr | A-4 Gravelly Silty Sand w=8.3% Rec 0.2' |
| 55 | | | R | M | Gr | A-4 Gravelly Sandy Silt w=9.9% Rec 0.5' |
| 60 | | | | | | Bedrock at 59.5' |
| 65 | | | | | | AXMDC 59.5-64.9' rec 4.7' |
| 70 | | | | | | AXMDC 64.5-69.5' rec 5.0' |
| 75 | | | | | | See Geologist Report |
| 80 | | | | | | Hole Stopped @ 69.5' in Bedrock |
| 85 | | | | | | Geologist Report: RUN% RECOV% ROD% 1 94 - 2 100 - |
| 90 | | | | | | Core consists of quartz-biotite-chlorite gneiss. The rock is moderately hard, slightly weathered and competent overall. |

JAMAICA BR 013-1(8)
BORING NO. B-3

171.08 m
ELEV. 561.30'

Survey Sta. 180+25, 17' Rt. 5
ABOUT #1
168.9 m B.O.F.

19 m ESTIMATED
PILE PENETRATION

| DEPTH | BLOWS ON CASING | STANDARD PENETRATION | SAMPLE NUMBER | MOISTURE | COLOR | LABORATORY CLASSIFICATION OF SOIL |
|-------|-----------------|----------------------|---------------|----------|-------|--|
| 10 | | | 21 | MTW | Br | Rec 0.3' |
| 15 | | | 49 | M | Br | Rec 0.2' |
| 20 | | | 23 | MTW | Br | A-1-a Sandy Gravel w=4.9% Rec 0.3' |
| 25 | | | 12 | W | Br | A-3 Sand w=24.3% Rec 0.8' |
| 30 | | | 36 | W | Br | A-1-a Sandy Gravel w=9.4% Rec 0.8 |
| 35 | | | 20 | W | Br | Rec 0.6' |
| 40 | | | 34 | MTW | Br | A-4 Silty Sand w=25.6% Rec 1.4' |
| 45 | | | 59 | M | Br | A-2-4 Silty Sand w=24.8% Rec 1.3' |
| 50 | | | 23 | M | Br | A-4 Silty Sand w=27.9% Rec 0.9' |
| 55 | | | R | M | Br | A-1-a Sandy Gravel w=8.3% Rec 0.5' |
| 60 | | | R | M | Br | A-1-a Sandy Gravel w=10.3% Rec 0.6' |
| 65 | | | R | M | Br | A-2-4 Gravelly Silty Sand w=8.8% |
| 70 | | | | | | Bedrock @ 68.5' |
| 75 | | | | | | AXM 68.5-73.5' Rec 4.8' |
| 80 | | | | | | AXMDC 73.5-78.5' Rec 3.9' |
| 85 | | | | | | See Geologist's Report |
| 90 | | | | | | Hole stopped at 78.5' in bedrock |
| 95 | | | | | | Geologist Report: RUN% RECOV% ROD% 1 96 - 2 74 - |
| 100 | | | | | | Core consists of quartz-biotite-chlorite gneiss. The rock is moderately hard, slightly weathered and competent |

JAMAICA BR 013-1(8)
BORING NO. B-4

164.92 m
ELEV. 540.75'

Survey Sta. 181+25, 25' Rt.
PIER
162.3 m B.O.F.

15 m ESTIMATED
PILE PENETRATION

| DEPTH | BLOWS ON CASING | STANDARD PENETRATION | SAMPLE NUMBER | MOISTURE | COLOR | LABORATORY CLASSIFICATION OF SOIL |
|-------|-----------------|----------------------|---------------|----------|-------|--|
| 5 | | | | | | Bo unable to sample |
| 10 | | | 58 | M | Br | A-1-a Sandy Gravel w=11.6% Rec 0.7' |
| 15 | | | R | M | Br | A-1-a Sandy Gravel w=11.7% |
| 20 | | | 59 | MTW | Br | A-1-a Sandy Gravel w=7.9% Rec 1.1' |
| 25 | | | 79 | MTW | Br | Gravel (vis.) w=20.8% Rec 0.2' |
| 30 | | | 61 | M | Br | A-2-4 Gravelly Sand w=25.0% Rec 1.4' |
| 35 | | | R | M | Br | A-4 Silty Sand w=27.6% Rec 1.3' |
| 40 | | | 61 | M | Br | A-2-4 Silty Gravelly Sand w=12.3% Rec 1.4' |
| 45 | | | R | M | Br | Sandy Gravel (vis.) w=7.2% Rec 0.2' |
| 50 | | | R | M | Gr | A-4 Sandy Silt BXN 51.2-55.2' HP&Bo |
| 55 | | | | | | Bedrock @ 55.2' |
| 60 | | | | | | BXMDC 55.2-56.2' Rec 0.8' |
| 65 | | | | | | BXM DC 56.2-61.2 Rec 4.4' |
| 70 | | | | | | BXMDC 61.2-65.2' Rec 3.9' |
| 75 | | | | | | See Geologist Report. |
| 80 | | | | | | Hole stopped at 65.2' in bedrock |
| 85 | | | | | | Geologist Report: RUN% RECOV% ROD% 1 80 0 2 88 0 3 97 32 |
| 90 | | | | | | Core consists of quartz-biotite-chlorite gneiss with layers of quartz-chlorite-biotite schist. The rock is moderately weathered and competent. |

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of JAMAICA Bridge No. 80
Log Sta.
Highway No. VT. ROUTE 100 Surv. Sta.
VT. ROUTE 100 OVER THE WEST RIVER
BORING LOGS (1 OF 3)

Designed By _____ Date _____
Checked By LMM Date 2/02
Drawn By DEE
Bridae Design Supervisor LMM Date 2/02

PROJECT JAMAICA PROJECT NO. BRF 013-1(8)

I.G.C. Info. _____
Bridge Sheet No. _____ Sheet 57 Of 116



90284BOR2.dwg (1=1)