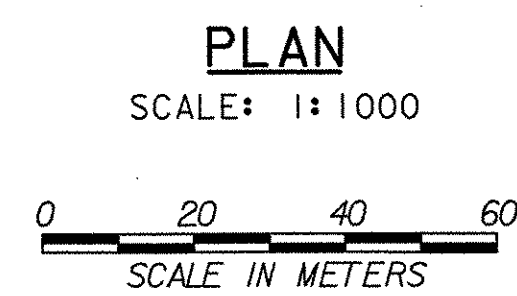


B1-94⊕ INDICATES BORING TAKEN DECEMBER 1993 BY H&A OF NEW YORK
 BX⊕ INDICATES BORING TAKEN JUNE 1999 BY GOLDER ASSOCIATES
 BX-02⊕ INDICATES BORING TAKEN MARCH 2002 BY GOLDER ASSOCIATES



BORING CHART

BORING HOLE #	STATION	OFFSET (M)	BEDROCK ELEV.
B1-94	10+022.69	4.00 LT	76.85
B3-94	10+200.28	23.90 LT	77.43
B2	10+304.03	18.99 LT	78.05
B3	10+382.77	30.68 LT	75.00
B4	10+383.59	18.19 LT	73.12
B5	10+405.42	24.73 LT	77.92
B6	10+483.18	14.77 LT	82.88
B7	10+532.17	8.13 LT	87.23
B8	10+429.76	30.62 LT	79.74
B9	10+457.90	33.56 LT	83.52
B12	10+583.84	16.37 LT	86.22
B1-02	10+315.00	4.00 RT	68.64
B2-02	10+301.00	4.00 RT	69.71
B3-02	10+318.00	3.00 LT	70.78
B4-02	10+406.00	7.00 LT	75.18
B5-02	10+409.00	3.00 RT	72.92
B6-02	10+417.00	9.00 RT	73.46
B7-02	10+412.00	8.50 LT	76.21

BORING NOTES:

1. SOIL AND ROCK CLASSIFICATIONS, PROPERTIES, AND DESCRIPTIONS ARE BASED ON ENGINEERING INTERPRETATION FROM AVAILABLE SUBSURFACE INFORMATION AND MAY NOT NECESSARILY REFLECT ACTUAL VARIATIONS IN SUBSURFACE CONDITIONS THAT MAY BE ENCOUNTERED BETWEEN INDIVIDUAL BORING OR SAMPLE LOCATIONS.
2. OBSERVED WATER LEVELS AND/OR CONDITIONS INDICATED ARE AS RECORDED AT THE TIME OF EXPLORATION AND MAY VARY ACCORDING TO THE PREVAILING RAINFALL, METHODS OF EXPLORATION, AND OTHER FACTORS.
3. ENGINEERING JUDGEMENT WAS EXERCISED IN PREPARING THE SUBSURFACE INFORMATION PRESENTED HEREIN. ANALYSIS AND INTERPRETATION OF SUBSURFACE DATA WAS PERFORMED AND INTERPRETED BY H&A OF NEW YORK AND GOLDER ASSOCIATES FOR DESIGN AND ESTIMATING PURPOSES. PRESENTATION OF THE INFORMATION IN THE CONTRACT IS INTENDED TO PROVIDE THE CONTRACTOR ACCESS TO THE SAME DATA. THE SUBSURFACE INFORMATION IS PRESENTED IN GOOD FAITH AND IS NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INDEPENDENT INTERPRETATION, INDEPENDENT ANALYSIS, OR JUDGEMENT BY THE CONTRACTOR.
4. PICTORIAL STRUCTURE DETAILS SHOWN ON THE BORING PLAN LAYOUT OR SOIL PROFILES ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT ACCURATELY PORTRAY FINAL CONTRACT DETAILS.
5. TERMINOLOGY USED ON BORING LOGS TO DESCRIBE THE HARDNESS, DEGREE OF WEATHERING, AND SPACING OF FRACTURES, JOINTS AND OTHER DISCONTINUITIES IN THE BEDROCK IS DEFINED IN THE AASHTO MANUAL ON SUBSURFACE INVESTIGATIONS, 1988.
6. BEDROCK HAS BEEN OBSERVED NEAR THE SURFACE OR EXPOSED BETWEEN STATIONS 10+180 LT AND 10+315 LT. AFTER BEDROCK HAS BEEN EXPOSED WITHIN THE EXCAVATION LIMITS, THE ENGINEER WILL TAKE CROSS-SECTIONS AT 8 m INTERVALS FOR ESTIMATING QUANTITIES.
7. WHERE INDICATED, "% FLUSH RET." IS THE PERCENT FLUSH RETURNED. THE PERCENT FLUSH RETURNED IS A MEASURE OF DRILLING FLUID RECIRCULATION.
8. WHERE INDICATED, "FRACTURE INDEX" IS THE MEASURE OF FREQUENCY OF FRACTURES, MEASURED IN FRACTURES PER FOOT.

DATUM
 VERTICAL NAVD 88
 HORIZONTAL NAD 83 (92)

VHB Vanasse Hangen Brustlin, Inc.

**STATE OF VERMONT
 AGENCY OF TRANSPORTATION**

Town Of COLCHESTER-SOUTH BURLINGTON	Bridge No. 6
Highway No. TH 4/3	Log Sta. Surv. Sta.
TH 4/3 OVER WINOOSKI RIVER & N.E.C.R.	
BORING INFORMATION SHEET	
Designed By M. M. LANDREY	Drawn By M. M. LANDREY
Checked By M. A. COLGAN	Bridge Design Supervisor S. M. GUNN
Date 4/05	Date 4/05
PROJECT COLCHESTER-SOUTH BURLINGTON	PROJECT NO. BRM 5600 (6) S C/2
I.G.C. Info.	
Bridge Sheet No. ZD139BR1	Sheet 36 of 124