

ABUTMENT NO. 1

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ABUT. NO. 1 BOTTOM FOOTING
EL. 76.75 (METERS)

SOIL PROFILE		SAMPLES				SAMPLE DESCRIPTIONS AND BORING NOTES			
DEPTH SCALE METERS	BORING METHOD	USCS	GRAPHIC LOG DEPTH (ft)	ELEV. NUMBER	TYPE		BLOWS / 6 INCHES	N	REC. V.A.T.
0.0	0.0-1.22								0.0-0.3 Stiff brown SILT w/ organics. frozen. 0.3-2' Crushed limestone
1.5	1.22-6.59								2'-4" Poor recovery-Compact brown SILTY SAND AND crushed limestone (gravel sized). Moist. 4'-6" Stiff brown SILTY CLAY, little to some sand and gravel. Moist. 6'-8" Very stiff brown SILTY CLAY, little to some sand and gravel. Moist. 8'-10" Stiff brown SILTY CLAY, little to some sand and gravel - 1 sand lens at approx. 9.0' bgs. Moist.
3.1	6.59-9.91								15'-17' Very stiff to hard brown CLAY. Occasional very thin fine sand to coarse silt lenses.
4.6	9.91-11.59								20'-21.6' Hard brown SILT, little to some sand and gravel. 21.6'-22' Brown fine SAND, trace to little silt.
6.1	11.59-13.1								25'-27' Compact brown fine SAND.
7.5	13.1-14.6								30'-31.6' Dense brown fine SAND, little silt trace gravel. 31.6'-32.0' Dense brown CMF SAND some to and gravel. 32.0' BEDROCK - Advance borehole to 35' bgs. See corehole log for continuation.

ESTIMATED PILE TIP
EL. 68.64 (METERS)

DRILL RIG: MOBILE B-53
DRILLING CONTRACTOR: Con - Tec Inc.
DRILLER: J. STANTON

WEIGHT OF HAMMER: 140 lbs
DROP: 30 inches
SHEET 1 OF 1

LOGGED: M. Zarenski
CHECKED: *ple*
DATE: 05/24/02

METRIC METRIC ENGLISH ENGLISH ENGLISH

CORE DESCRIPTION		SAMPLES				SAMPLE DESCRIPTIONS AND BORING NOTES			
DEPTH SCALE METERS	BORING METHOD	USCS	GRAPHIC LOG DEPTH (ft)	ELEV. NUMBER	TYPE		BLOWS / 6 INCHES	N	REC. V.A.T.
10.1	10.07-11.59								10.07-11.59 Family weathered, closely jointed blue grey, very fine grained slightly oxidized LIMESTONE with general re-bedded joints and possible slickensides at approx. 11.59 End boring at 11.59
10.8	11.59-13.1								33.0
12.4	13.1-14.6								38.0

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DEPTH SCALE METERS	BORING METHOD	USCS	GRAPHIC LOG DEPTH (ft)	ELEV. NUMBER	TYPE		BLOWS / 6 INCHES	N	REC. V.A.T.
0.0	0.0-1.83								0.0-2' Stiff brown SILT, little to some sand, trace gravel
1.5	1.83-4.58								2'-4" Very poor recovery, stiff brown SILT, little to some sand. Moist. 4'-6" Firm brown SILT, trace little sand and fine gravel and occasional sand lenses. Moist. 6'-8" Loose brown CMF SAND, some gravel, trace to little silt. Moist. 8'-10' Compact brown CMF SAND, little to some gravel, trace silt.
3.1	4.58-6.1								Limestone fragments and slaker waste (calcium carbonate). Poor recovery.
4.6	6.1-7.5								20'-22' Compact brown fine SAND
6.1	7.5-8.39								25'-27' Loose brown fine SAND some gravel.
7.5	8.39-9.2								27.5' BEDROCK - Advance borehole to 29' bgs. See corehole log for continuation.

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NOTE:
THE SUBSURFACE EXPLORATIONS SHOWN ON THIS SHEET USE BOTH METRIC AND ENGLISH UNITS AS LABELED ABOVE AS RECORDED BY GOLDER ASSOCIATES IN 2002.

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 LOGS (5 OF 9)	
Designed By GOLDER	Drawn By K. D. WENTWORTH
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. ZD139LG5	Sheet 41 of 124

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

VHB Vanasse Hangen Brustlin, Inc.