

ABUT. NO. 2 BOTTOM FOOTING
EL. 81.30 (METERS)

ABUTMENT NO. 2

SOIL PROFILE		SAMPLES				SAMPLE DESCRIPTIONS AND BORING NOTES			
DEPTH SCALE METERS	BORING METHOD	USGS GRAPHIC LOG DEPTH (ft)	ELEV. (ft)	NUMBER	TYPE		BLOWS / 6 INCHES	N	REC. VLT.
0.0	NK CORING TO 29'	0.0	81.68	1	DO	8-4-4-3	8	0.2/2.0	0-1.0' 2" Stone, silt, gravel. Frozen
1.5		1.00		2	DO	3-4-4-7	8	0.2/2.0	1'-3' Loose brown SILTY CMF SAND AND GRAVEL
3.0		3.00		3	DO	3-8-31-17	39	0.2/2.0	3'-5' Soft brown SILTY CLAY some sand. Very moist. Large limestone fragment in spoon tip.
4.5		5.00		4	DO	3-6-5-6	11	0.1/2.0	5'-7' Hard brown SILTY CLAY some sand, trace gravel. wet.
6.0		7.00		5	DO	3-4-4-5	8	0.6/2.0	7'-9' Compact brown SILTY CLAY AND GRAVEL (Limestone - gravel). Moist
7.5		9.00		6	DO	8-7-7-11	14	0.8/2.0	15'-17' Compact brown fine to very fine SAND little to some silt.
9.0		11.00		7	DO	13-17-50/5'	>50	0.6/2.0	20'-21.5' Dense brown SILTY CMF SAND, some to 50% gravel consisting mostly of limestone and siltstone frags. Top of BEDROCK @ 21.5' bgs. Advanced borings to 24' bgs. then cored. See corehole log for description.
10.5	15.00							6.50 Top of BEDROCK - See corehole log for continuation	

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: *[Signature]*
DATE: 05/24/02

CORE DESCRIPTION		RUN INFORMATION	
DEPTH SCALE METERS	BORING METHOD	DEPTH (ft)	ELEV. (ft)
7.32	NK CORING	24.25	55' J. Fe. S
		24.3	55' J. Fe. S
		24.35	55' J. Fe. S
		24.9	60' J/MF
		25.3	60' MF
		25.6	60' MF
		25.75	60' J. Fe
		26.1	55' J
		26.5	60' J
		26.75	65' J
	27.1	65' MF/J	
	27.25	62' J	
	27.5	70' J	
	27.6	72' J. UE. S	
	27.9	85' J	
	28.1	55' J. Fe	
	28.6	55' J. UE	
	28.9	60' J. S	

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

TOTAL LENGTH CORED: 5'
BITS USED: 1
SHEET 1 OF 1

LOGGED: M. Zarenski
CHECKED: *[Signature]*
DATE: 05/24/02

ABUT. NO. 2 BOTTOM FOOTING
EL. 81.30 (METERS)

ABUTMENT NO. 2

SOIL PROFILE		SAMPLES				SAMPLE DESCRIPTIONS AND BORING NOTES			
DEPTH SCALE METERS	BORING METHOD	USGS GRAPHIC LOG DEPTH (ft)	ELEV. (ft)	NUMBER	TYPE		BLOWS / 6 INCHES	N	REC. VLT.
0.0	2 1/4" HSA TO 8' - 4" HW TO 24' - NK CORE TO 29'	0.0	80.18	1	DO	5-3-14-12	17	0.6/2.0	0.0-2' Compact dark brown SILTY SAND with organics in upper 4"
1.5		2.00		2	DO	14-23-8-6	31	0.2/2.0	2'-4' Crushed limestone poor recovery
3.0		4.00		3	DO	6-5-5-6	10	0.2/2.0	4'-6' Limestone frags/marble
4.5		5.00		4	DO	5-4-5-4	9	0.2/2.0	6'-8' Limestone or marble frags
6.0		8.00		5	DO	5-6-3-9	9	0.2/2.0	8'-10' Limestone/marble frags
7.5		10.00							
9.0		15.00		6	DO	15-8-10-15	18	0.5/2.0	15'-17' Compact, milky white silty waste (calcium carbonate) and highly weathered limestone fragments, sand and wood chunks - FA material
10.5		17.00							
12.0		20.00		7	DO	8-10-9-8	19	0.6/2.0	20'-22' Compact greenish brown SILTY FINE SAND.
13.5	22.00								
15.0									7.26 Top of BEDROCK - See corehole log for continuation.

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: *[Signature]*
DATE: 05/24/02

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

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

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 LOGS (7 OF 9)	
Designed By GOLDER	Drawn By K.D. WENTWORTH
Checked By M.A. COLGAN 4/05	Date Bridge Design Supervisor S.M. GUNN Date 4/05
PROJECT COLCHESTER-SOUTH BURLINGTON	PROJECT NO. BRM 5600 (6) S C/2
I.G.C. Info.	
Bridge Sheet No. ZD139LG7	Sheet 43 of 124