

**STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION**

HOLE NO.: B-1
SHEET 1 OF 1
DATE STARTED: 6/3/96
DATE COMPLETED: 6/5/96

PROJECT NAME: WOODSTOCK
SITE NAME: US Route 4
STATION: I+282.00
GROUND EL.: 214.30

PROJECT NUMBER: BHFO20-2(32)
SITE NO.: Br. 50
OFFSET: 6.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: MCBEAN
DRILLER: CHABOT
LOGGER: KELLY
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-b, SaGr, brn, Moist, Rec.=0.088	7	13.6	49.7	35.1	15.2		
		A-1-a, SaGr, brn, Moist, Rec.=0.15	44	9.7	64.6	28.8	6.6		
5		A-4, SaSi, brn, MTW, Rec.=0.20	18	16.8	15.6	40.9	43.5		
		A-3, Sa, brn, MTW, Rec.=0.20	51	23.1	0.1	91.7	8.1		
		A-4, GrSi, gry, Wet, Rec.=0.20	21	24.9	25.2	16.1	58.7		
		A-4, SaSi, gry, Wet, Rec.=0.20	9	24.3	6.6	23	70.4		
10		A-2-4, GrSiSa, gry, Wet, Rec.=0.05	24	10.6	26.2	43.9	29.6		
		Boulders, No recovery	R						
		A-4, Si, HP, gry, Moist, Rec.=0.22	R	12.9	2.9	13	84.1		
15		A-4, SaSi, HP, gry, Moist, Rec.=0.22	R	14.9	19.2	40.6	40.3		
		A-4, GrSaSi, HP, gry, Moist, Rec.=0.18	R	18.2	28.5	33.6	37.9		
		A-2-4, GrSa, gry, Wet, Rec.=0.14	R	17.4	33.1	55	11.9		
20		A-4, Si, HP, gry, Moist, Rec.=0.28	51	26.5	0.4	11.1	88.5		
		A-4, Si, HP, gry, Moist, Rec.=0.30	R	20.2	0.1	7.3	92.7		
		A-4, Si, HP, gry, Moist, Rec.=0.12	R	30.3	19.3	11	69.6		
25		A-4, SaSi, HP, gry, Moist, Rec.=0.33	R	27.2	3	41.5	55.7		
		Hole stopped at 26.5 m In boulders and sand							

687.80 FT
209.65 M
BOTTOM OF FOOTING EL.

**STATE OF VERMONT
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HOLE NO.: B-2
SHEET 1 OF 1
DATE STARTED: 6/11/96
DATE COMPLETED: 6/14/96

PROJECT NAME: WOODSTOCK
SITE NAME: US Route 4
STATION: I+285.00
GROUND EL.: 214.11

PROJECT NUMBER: BHFO20-2(32)
SITE NO.: Br. 50
OFFSET: -7.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: MCGLYNN
DRILLER: KELLY
LOGGER:
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-b, SaGr, brn, Moist, Rec.=0.24	31	12.4	46	38.9	15.1		
		Boulders, No sample.							
		A-1-a, SaGr, brn, Moist, Rec.=0.24	64	9.5	59.1	33.1	7.7		
5		A-1-b, SaGr, brn, Moist, Rec.=0.24	64	18.9	50.8	37.8	11.4		
		A-1-b, GrSa, brn, Moist, Rec.=0.19	43	12.4	33.7	48.8	17.5		
		A-1-b, GrSa, brn, Moist	R	16.2	39.2	46.7	14.1		
		A-4, Si, brn, Wet, Rec.=0.15	25	30.1	7.2	8.4	84.4		
		A-4, GrSi, gry, Wet, Rec.=0.09	22	37.3	22.7	2.7	74.5		
10		A-4, SaSi, gry, Wet, Rec.=0.12	10	25.7	15.3	22.5	62.1		
		A-1-b, SaGr, gry, MTW, Rec.=0.06	81	12	53.1	28.7	18.2		
		A-4, SaSi, gry, Moist, Rec.=0.09	R	11.1	19.7	38.7	41.7		
		No recovery.							
		BXMDC 12.65-13.56, No recovery.							
		No recovery, Boulders.							
15		BXMDC 14.02-15.24, Rec. 0.3.							
		No recovery							
		BXMDC 15.54-16.76							
		A-4, GrSi, gry, Moist, Rec.=0.09	R	19.2	41.4	17.1	41.5		
		Hole stopped at 17.07 m in HP							

683.00 FT
208.18 M
BOTTOM OF SHEET PILE EL.

**STATE OF VERMONT
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MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION**

HOLE NO.: B-3
SHEET 1 OF 1
DATE STARTED: 7/9/96
DATE COMPLETED: 7/12/96

PROJECT NAME: WOODSTOCK
SITE NAME: US Route 4
STATION: I+347.00
GROUND EL.: 214.66

PROJECT NUMBER: BHFO20-2(32)
SITE NO.: Br. 50
OFFSET: 5.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: WILLIS
DRILLER: DECROTI
LOGGER: KELLY
ADDITIONAL CREW:

BORING RIG: TRACTOR
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		No recovery	22						
		A-1-a, SaGr, brn, Moist, Rec.=0.01	31		65.3	25.8	8.9		
5		A-1-b, SaGr, gry, Moist, Rec.=0.18	64	10.6	45	42.5	12.6		
		A-1-a, SaGr, gry, Moist, Rec.=0.18	R	6.45	56.4	34.1	9.5		
		A-2-4, GrSa, brn, Moist, Rec.=0.22	68	16.8	26.9	56.9	16.3		
		BXMDC 9.0-10.5, Boulders							
10		A-4, GrSi, gry, Moist, Rec.=0.38	13	19.2	41	17.9	41.1		
		A-1-b, SaGr, gry, Moist, Rec.=0.18	25	10.8	52.8	28.1	19.1		
		BXMDC 13.5-15.0, Boulders							
15		A-1-b, SiSaGr, gry, Moist, Rec.=0.12	R	11.9	49.1	30.4	20.4		
		A-2-4, SiSa, gry, Moist, Rec.=0.06	R	12.2	17.6	47.7	34.7		
		Hole stopped at 18.30 m in HP							

682.68 FT
208.08 M
BOTTOM OF FOOTING EL.

694.00 FT
211.53 M
BOTTOM OF SHEET PILE EL.

NOTE:
THE SUBSURFACE EXPLORATIONS
SHOWN ON THIS SHEET ARE IN
METRIC UNITS AS RECORDED
BY VTRANS.

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town Of WOODSTOCK Bridge No. 50
Highway No. U.S. ROUTE 4 Log Sta. Surv. Sta.
U.S. ROUTE 4 OVER OTTAUQUECHEE RIVER

BORING LOGS (1 OF 2)

Designed By VTRANS Drawn By B. J. MASSE
Checked By Date Bridge Design Supervisor
VTRANS 7/96 M. A. COLGAN Date 10/06

PROJECT WOODSTOCK PROJECT NO. BHFO20-2 (32)
I.G.C. Info. Bridge Sheet No. ZJ028LGI Sheet 19 of 71

VHB Vanasse Hangen Brustlin, Inc.