



STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
MATERIALS & RESEARCH SECTION  
SUBSURFACE INFORMATION

BORING NUMBER: B-201  
SHEET 1 of 2  
DATE STARTED: 10/24/04  
DATE COMPLETED: 10/27/04

PROJECT NAME: NEWFANE  
SITE NAME: BR-14  
STATION:  
OFFSET:  
VTSPG: N 48414.07 m E 483060.55 m

PROJECT NUMBER: BHF 0106(3)  
SITE NUMBER: TH-2  
GROUND ELEVATION: 195.31 m  
GROUNDWATER DEPTH:  
PROJECT PIN NUMBER: 95J280

BORING CREW  
CREW CHIEF: HOLT  
DRILLER: GARROW  
LOGGER: PAULWAN

BORING RIG: LAG TRACK RIG  
BORING TYPE: WASH BORE  
SAMPLE TYPE: SPLIT BARREL  
CHECKED BY: DLG

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
1		Boulder, 0.12 m - 0.44 m					
		A-3, Sa, brn, Moist, Rec. = 0.18 m	R	16.6	12.9	81.8	5.3
		Boulder, 1.39 m - 1.76 m					
2		Appears to be going through gravel and cobbles., 2.00 m - 2.08 m	R				
		Boulder, No Rec., 2.08 m - 3.00 m					
3		A-2-4, GrSa, brn, Moist, Rec. = 0.32 m	23	18.1	23.4	61.3	15.3
4		A-1-b, GrSa, gry, Moist, Rec. = 0.39 m	26	10.0	39.5	44.8	15.7
5		A-1-b, GrSa, gry, Moist, Rec. = 0.34 m	59	10.2	40.5	44.6	14.9
6		A-4, SaSi HP, gry, Moist, Rec. = 0.34 m	R	8.7	18.8	38.5	42.7
7		BXDC, Cleaned out casing., 6.75 m - 7.00 m					
		A-4, SiSa HP, gry, Moist, Rec. = 0.21 m	R	9.5	7.9	46.3	45.8
8		A-2-4, SiGrSa, gry, Moist, Rec. = 0.45 m	74	9.8	32.5	35.8	31.7
9		BXDC, Cleaned out casing., 8.70 m - 9.00 m					
		A-4, SaSi HP (*), gry, Moist, Rec. = 0.54 m	42	24.3	0.7	20.9	78.4
10		A-4, SaSi HP (*), gry, Moist, Rec. = 0.57 m	70	23.8	1.6	45.1	53.3
11		A-4, Si HP (*), gry, MTW, Rec. = 0.45 m	47	35.5	0.0	1.2	98.8
12		A-4, Si HP (*), gry, Moist, Rec. = 0.54 m	65	27.6	0.0	13.5	86.5
13							
14		A-4, Si HP (*), gry, Moist, Rec. = 0.57 m	48	31.6	2.4	3.6	94.0

LOG OF BORING NEWFANE BHF0106(3).GPJ VT AOT.GDT 5/23/07



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BORING NUMBER: B-201  
SHEET 2 of 2  
DATE STARTED: 10/24/04  
DATE COMPLETED: 10/27/04

PROJECT NAME: NEWFANE  
SITE NAME: BR-14  
STATION:  
OFFSET:  
VTSPG: N 48414.07 m E 483060.55 m

PROJECT NUMBER: BHF 0106(3)  
SITE NUMBER: TH-2  
GROUND ELEVATION: 195.31 m  
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BORING CREW  
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BORING TYPE: WASH BORE  
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DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/0.3m)
16		A-4, Si (*), gry, Moist, Rec. = 0.54 m	37	32.2	0.0	1.8	98.2
17		A-4, Si (*), gry, Moist, Rec. = 0.60 m	41	37.3	1.0	3.0	96.0
18		A-2-4, SiSaGr, gry, Moist, Rec. = 0.33 m	R	11.2	46.2	27.2	26.6
		BXMDC, Boulders, 18.33 m - 19.72 m					
20		BXMDC, Boulders, Broke through boulder, 19.80 m - 19.93 m					
		BXMDC, Boulder, 20.20 m - 20.63 m					
22		A-1-b, GrSa, gry, Moist, Rec. = 0.27 m	R	9.1	37.6	44.5	17.9
23		Visual Class: Broken Rock, 23.00 m - 23.10 m	R				
		Dark gray, Biotite Schist, with closely spaced jointing, Competent, Moderately hard, Unweathered, BXMDC, 23.10 m - 24.60 m, Rec. = 1.42 m	1	95	35	50	
25		Dark gray, Biotite Schist, with 1.6m thick layer of white/gray Biotite Gneiss at 29.43m, Moderately closely spaced jointing, Competent, Moderately hard, Unweathered, BXMDC, 24.60 m - 26.10 m, Rec. = 1.50 m	2	100	59	50	
26		Hole stopped @ 26.10 m					
27		DRILLER'S NOTE: No water elevation because the hole caved in. LAB NOTE: (*) Sporadically thin layers of clay material. Tested NP.					
28							
29							

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