

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

HOLE NO.: B-1  
SHEET 1 OF 1  
DATE STARTED: 10/22/02  
DATE COMPLETED: 10/23/02

PROJECT NAME: NEWFANE  
SITE NAME: BR 14  
STATION: \*@ I+076.30  
GROUND EL.:

PROJECT NUMBER: BHF 0106(3)S  
SITE NO.: TH 2  
OFFSET: \*@ -2.50  
G.W. DEPTH: DRILLING IN RIVER

BORING CREW  
CREW CHIEF: HOLT  
DRILLER: YOUNG  
LOGGER: GARROW  
ADDITIONAL CREW:

BORING RIG: TRUCK  
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
	CONCRE	Concrete Footing, 0.00m-0.81m							
		No sample, Boulders	R						
		A-4, SaSi HP, gry, Moist, Rec. = 0.07m BXDC, Sample from core barrel A-4, SaSi HP, gry, Moist	R	11.4 15.5	15.1 2.2	32.7 25.6	52.2 72.2		
		A-4, SaSi HP, gry, Moist, Rec. = 0.16m	R	13	0.9	25.3	73.8		
		4.00m-4.11m, No Rec.	R						
5		A-1-b, SisaGr, gry, Moist, Rec. = 0.13m	R	11.4	40.7	38.7	20.6		
		6.60m-7.00m, Appeared to be Boulders or cobbles.							
		Run#1: BXDC, 7.00m-7.60m, Rec. = 0.27m, See Geologist's Report.	RUN	REC%	RQD%	Dip°			
		Run#2: BXGDC, 7.60m-9.10m, Rec. = 0.42m, See Geologist's Report.	1	45	0	40			
		Run#3: BXGDC, 9.10m-10.60m, Rec. = 0.79m, See Geologist's Report.	2	28	0	40			
10		Run#4: BXGDC, 10.60m-12.10m, Rec. = 0.82m, See Geologist's Report.	3	53	0	40			
		Run#4: BXGDC, 10.60m-12.10m, Rec. = 0.82m, See Geologist's Report.	4	55	0	40			
		Hole stopped @ 12.10m Could not get core barrel down core hole at this point.							
		<b>DRILLER'S NOTES:</b> 1. * Approx. station and offset. Near outer corner of this footing. 2. We did not encounter any noticeable voids while coring from 7.00m to 12.10m. 3. From top of deck to top of footing is about 6.83m.							

**GEOLOGISTS REPORT:**

Run#1: Dark green amphibolite, Hard, Unweathered, Poor competency.  
 Run#2: 7.60m-7.90m, Dark green amphibolite, Hard, Unweathered, Poor competency.  
 7.90m-9.10m, Gray quartzo-feldspathic gneiss, Very hard,  
 Unweathered, Poor competency.  
 Run#3: 9.10m-9.84m, Gray quartzo-feldspathic gneiss, Very hard, Unweathered,  
 Poor competency.  
 9.84m-10.60m, Dark green amphibolite, Hard, Unweathered,  
 Poor competency.  
 Run#4: Dark green amphibolite with felsic vein from 11.10m to 11.23m,  
 Hard, Unweathered, Poor competency.