



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

BORING NUMBER: B-2  
SHEET 1 of 2  
DATE STARTED: 10/12/04  
DATE COMPLETED: 10/15/04

PROJECT NAME: BETHEL  
SITE NAME: BR-30  
STATION: 1+144.00  
OFFSET: 5.43  
VTSPG: N 145000.12 m E 487715.68 m

PROJECT NUMBER: BHF 0241(30)S  
SITE NUMBER: RT.12  
GROUND ELEVATION: 183.06 m  
GROUNDWATER DEPTH: 3.35 m 10/18/04  
PROJECT PIN NUMBER: 95C002

BORING CREW  
CREW CHIEF: RUSSELL  
DRILLER: RUSSELL  
LOGGER: PUALWAN

BORING RIG: SMALL SKID 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 (%)
0.5							
1.5		A-2-4, SiSa with Trace of Organics (1.9%), gry-brn, Moist, Rec. = 0.45 m	12	19.3	16.2	53.5	30.3
2.60 - 3.00		2.60 m - 3.00 m, Cleaned out casing					
3.0		A-1-a, SaGr, brn, Moist, Rec. = 0.20 m	33	9.2	56.4	30.4	13.2
3.5		BXDC, Boulder, 3.50 m - 4.10 m					
4.0		BXGDC, Broke through Boulder, 4.10 m - 5.20 m					
6.0		A-4, Si, gry, Moist, Rec. = 0.40 m	29	33.6	0.3	1.6	98.1
7.5		A-4, Si, gry, Moist, Rec. = 0.30 m	R	32.9	0.2	6.4	93.4
8.0		BXMDC, Broke through Boulder, 7.85 m - 8.15 m					
9.0		Not enough Rec., Appeared to be a dark gray silt, 9.00 m - 9.60 m	46				

LOG OF BORING BETHEL BHF0241(30)S.GPJ VT AOT.GDT 8/30/06



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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)
10.5		A-4, Si, gry, Moist, Rec. = 0.40 m	R	38.1	0.3	4.8	94.9
11.0		BXGDC, Appears to be Boulders with a lot of breaks, 10.60 m - 12.15 m					
12.0		Advanced casing, 12.15 m - 12.60 m					
12.60		Top of Bedrock @ 12.60 m					
12.60		White, Biotite Gneiss, Not Competent, Hard, Unweathered, BXGDC, 12.60 m - 14.10 m, Rec. = 0.75 m	1	50	0	40	
14.10		White-gray, Biotite Gneiss, Competent, Hard, Unweathered, BXMDC, 14.10 m - 15.60 m, Rec. = 1.50 m	2	100	98	40	
15.60		White-gray, Biotite Gneiss, grading to gray quartz-mica schist, Competent, Hard to moderately hard, Unweathered, BXMDC, 15.60 m - 16.60 m, Rec. = 0.80 m	3	80	80	40	
16.60		Hole stopped @ 16.60 m					

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