



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

BORING NUMBER: B-4
 SHEET 1 of 1
 DATE STARTED: 9/17/04
 DATE COMPLETED: 9/29/04

PROJECT NAME: BETHEL
 SITE NAME: BR-30
 STATION: 105+89
 OFFSET: 18.04
 VTSPG: N 475835.96 ft E 1600141.90 ft

PROJECT NUMBER: BHF 0241(30)S
 SITE NUMBER: RT.12
 GROUND ELEVATION: 598.2 ft
 GROUNDWATER DEPTH: 10.5 ft 10/08/04
 PROJECT PIN NUMBER: 95C002

BORING CREW
 CREW CHIEF: TALLMAN
 DRILLER: TALLMAN
 LOGGER: RUSSELL

BORING RIG: SMALL SKID RIG
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: DLG

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		Cleaned out casing and cored ahead, No sample, Boulder, 4.89 ft - 6.89 ft					
10		Visual Class: A-2-4, Si Gr Sa, gry-brn, Moist, Insufficient sample for testing, Rec. = 0.46 ft, 9.84 ft - 11.81 ft	R				
		BXDC, Cleaned out casing, 14.11 ft - 14.76 ft					
		Visual Class: A-1-b, Sa Gr with Broken Rock, gry, Moist, Insufficient sample for testing, Rec. = 0.33 ft, 14.76 ft - 15.19 ft	R				
20		A-4, Si, gry, Moist, Rec. = 1.28 ft	38	30.5	7.2	5.1	87.7
		A-2-4, GrSaSi HP, gry, Moist, Rec. = 1.48 ft	R	15.4	32.2	33.8	34.0
30		A-4, Si, gry, Moist, Rec. = 1.67 ft	60	34.1	0.0	8.4	91.6
		Boulder, BXDC, Cored ahead, 33.23 ft - 38.16 ft					
		Top of Bedrock @ 38.16 ft					
40		Gray, Quartz-mica Schist, Competent, Moderately hard, Unweathered, BXMDC, 38.16 ft - 43.08 ft, Rec. = 4.92 ft	1	100	90	40	
		Gray, Quartz-mica Schist, Competent, Moderately hard, Unweathered, BXMDC, 43.08 ft - 47.01 ft, Rec. = 3.61 ft	2	92	90	40	
		Gray, Quartz-mica Schist, Competent, Moderately hard, Unweathered, BXMDC, 47.01 ft - 47.51 ft, Rec. = 0.49 ft	3	100	90	40	
50		Hole stopped @ 47.51 ft					

ABUTMENT #2
 BOTTOM PILE CAP
 ELEV. 590.25

ABUTMENT #2
 EST. PILE TIP
 ELEV. 560.04

LOG OF BORING BETHEL BHF0241(30)S.GPJ VT_A01.GDT 8/5/08

PROJECT NAME: BETHEL
 PROJECT NUMBER: BHF 0241(30)

FILE NAME: s95c002bor.254/236.gn PLOT DATE: 31-AUG-2011
 PROJECT LEADER: M. EVANS-MONGEON DRAWN BY: M. LONGSTREET
 DESIGNED BY: U. STANLEY CHECKED BY: U. STANLEY
 BORING LOG SHEET 3 SHEET 40 OF 64