



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

BORING NUMBER: B-2
 SHEET 1 of 1
 DATE STARTED: 10/24/05
 DATE COMPLETED: 11/02/05

PROJECT NAME: ST. JOHNSBURY
 SITE NAME: US 2
 STATION: 380+45
 OFFSET: -33.00
 VTSPG: N 705043.16 ft E 1783845.92 ft

PROJECT NUMBER: BHF 028-4(25)S
 SITE NUMBER: BR 108
 GROUND ELEVATION: 744.19 ft
 GROUNDWATER DEPTH: 0.0 ft 11/03/05
 PROJECT PIN NUMBER: 98B320

BORING CREW
 CREW CHIEF: TALLMAN
 DRILLER: TALLMAN
 LOGGER: PORTER

BORING RIG: LAG TRACK RIG w/AUTO HAMMER
 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)
		Field Class., Granite Blocks, Cleaned out casing					
		Field Class., Boulders & Cobbles, Cleaned out casing					
10		Visual Class., A-2-4, St Sa Gr, gry, Wet, Rec. = 0.3 ft, Insufficient sample for testing.	20				
		A-4, SaGrSi, gry, Moist, Rec. = 1.4 ft	85	10.8	32.5	27.2	40.3
20		A-4, GrSaSi, gry, Moist, Rec. = 1.9 ft	66	11.0	23.4	30.0	46.6
		A-4, GrSaSi, gry, Moist, Rec. = 1.9 ft	89	11.2	20.9	32.3	46.8
30		A-4, GrSaSi, gry, Moist, Rec. = 0.5 ft	R	11.7	21.5	33.5	45.0
		A-4, GrSaSi, gry, Moist, Rec. = 0.7 ft	R	11.8	30.4	32.8	36.8
40		A-4, GrSaSi, gry, Moist, Rec. = 0.5 ft	R	11.8	32.4	32.4	35.2
		Field Class., Cored ahead, No sample, Broke thru, Possible saprolite material (weathered rock & silt)	R				
50		Visual Class., Possible saprolite material, gry, Moist, Rec. = 1.0 ft	R	Top of Bedrock @ 51.0 ft			
		Gray, Phyllite, Poor competency, Moderately hard, Moderately weathered, BXMDC, 51.0 ft - 54.0 ft, Rec. = 3.0 ft	1	100	0	50	8
		Gray, Phyllite, Poor competency, Moderately hard, Moderately weathered, BXMDC, 54.0 ft - 55.0 ft, Rec. = 0.9 ft	2	90	0	50	8
		Gray, Phyllite, Competent, Moderately hard, Slightly weathered, BXMDC, 55.0 ft - 60.0 ft, Rec. = 4.5 ft	3	90	52	50	7
		Gray, Phyllite, Competent, Moderately hard, Slightly weathered, BXMDC, 60.0 ft - 61.0 ft, Rec. = 1.0 ft	4	100	90	50	7
		Hole stopped @ 61.0 ft					8
70							

LOG OF BORING ST. JOHNSBURY BHF028-4(25)S.GPJ VT AOT.GDT 5/13/09