

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

HOLE NO.: B-2
SHEET 1 OF 1
DATE STARTED: 11/5/02
DATE COMPLETED: 11/7/02

PROJECT NAME: FAIRFIELD
SITE NAME: VT 36
STATION: 13+22.00
GROUND EL.: 662.34

PROJECT NUMBER: ST 029816)
SITE NO.: BR 17
OFFSET: 9.50
G.W. DEPTH: 6.0 11/07/02

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

BORING RIG: LARGE SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(Described)</i>	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		0.0' - 1.0', Asphalt							
5		NXDC, 4.0' - 5.0', Cleaned out casing.	4	18.7	29.7	47.2	23.1		
		A-1-b, SiGrSa, brn, Moist. Rec. = 1.95'	Wood	was	within	sample.			
		6.75' - 8.0', Wood							
10		NXDC, 8.75' - 10.0', Cleaned out casing.	32	8.9	32.4	26.8	40.8		
		A-4, SaGrSl HP, gry, Moist. Rec. = 1.10'							
15		A few small Stones, No Rec.	R						
20		A-1-b, SaGr HP, gry, Moist. Rec. = 0.80'	R	8.3	53.2	30.8	16		
		Cobbles, 22.0' - 24.0'							
25		A-4, SaSl, gry, Moist, Rec. = 1.30'	78	10.3	6	41.7	52.3		
		Broken rock was within sample							
		Top of bedrock @ 26.8'							
		Run#1: NXMDC, 26.8' - 31.8', Rec. = 2.10', See Geologist's Report.	RUN	REC%	ROD%	Dip°			
30			1	42	20	40			
		Run#2: NXMDC, 31.8' - 34.8', Rec. = 2.85', See Geologist's Report.	2	95	80	40			
35		Run#3: NXMDC, 34.8' - 37.8', Rec. = 2.95', See Geologist's Report.	3	98	98	40			
40		GEOLOGIST'S REPORT: Hole stopped @ 37.80'							
		Run#1: Greenish-gray quartzite, Hard, Unweathered, Poor ROD.							
		Run#2: 31.8' - 33.5', Greenish-gray quartzite, Hard, Unweathered							
		33.5' - 34.8', Phyllitic quartzite, Moderately to medium hard, Unweathered.							
45		Run#3: Phyllitic quartzite, Moderately to medium hard, Unweathered							
		Run#2 & 3: Due to parting along cleavage planes caused during drilling, ROD is estimated.							

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

HOLE NO.: B-3
SHEET 1 OF 1
DATE STARTED: 10/29/02
DATE COMPLETED: 10/31/02

PROJECT NAME: FAIRFIELD
SITE NAME: VT 36
STATION: 13+45.00
GROUND EL.: 661.95

PROJECT NUMBER: ST 029816)
SITE NO.: BR 17
OFFSET: -13.50
G.W. DEPTH: 6.25 10/31/02

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

BORING RIG: LARGE SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOCKS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		0.0' - 1.05', Asphalt							
5		A-4, SaSI, brn, Moist, Rec. = 1.70'	17	19.2	18.3	29.1	52.6		
10		A-4, GrSaSI HP, gry, Moist, Rec. = 1.60'	28	13.2	20.7	26.7	52.6		
15		A-4, GrSaSI HP, gry, Moist, Rec. = 1.75'	95	9.6	22.7	26	51.3		
		Broken rock was within sample							
20		A-4, SI HP, gry, Moist, Rec. = 1.30'	91	12.4	12.8	14.1	73.1		
25		A-4, SaSI HP, gry, Moist, Rec. = 0.95'	63	9.1	12.6	21.2	66.2		
		A-2-4, Sa HP, gry, Moist, Rec. = 1.40'		12.6	0.4	80.9	18.7		
30		A-1-b, SiSeGr HP, gry, Moist, Rec. = 0.75'	60	8.1	45.1	31.6	23.3		
		Broken rock was within sample							
		Top of bedrock @ 32.0'							
		Run#1: NXMDC, 32.0' - 35.0' Rec. = 1.75', See Geologist's Report.	RUN	RECZ	RODZ	Dip°			
35		Run#2: NXMDC, 35.0' - 38.0' Rec. = 2.15', See Geologist's Report.	1	58	58	40			
40		Run#3: NXMDC, 38.0' - 43.0' Rec. = 3.40', See Geologist's Report.	2	72	72	40			
			3	68	68	40			

GEOLOGIST'S REPORT:

Hole stopped @ 43.0'

Run#1: Dark gray phyllite, Medium hard, Unweathered

Run#2: Light gray phyllite, Medium hard, Unweathered

Run#3: Light gray phyllite, Medium hard, Unweathered

Runs#1,2,3: Due to parting along cleavage planes caused during drilling, ROD is estimated.