



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

BORING NUMBER: B-103
 SHEET 1 of 1
 DATE STARTED: 7/11/07
 DATE COMPLETED: 7/12/07

PROJECT NAME: MONTPELIER
 SITE NAME:
 STATION:
 OFFSET:
 VTSPG: N 641812.22 ft E 1618882.22 ft

PROJECT NUMBER: ITS FIBER OPTIC
 SITE NUMBER:
 GROUND ELEVATION:
 GROUNDWATER DEPTH: 10.4 ft 7/12/07
 PROJECT PIN NUMBER: 07L002

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: CARRIERE

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
0.0 - 0.4		Asphalt Pavement, 0.0 ft - 0.4 ft	17	8.1	59.4	30.8	9.8
0.4 - 1.5		A-1-a, SaGr, brn, Moist, Rec. = 1.5 ft					
1.5 - 1.2		A-2-4, SiSa, brn, Moist, Rec. = 1.2 ft	4	21.0	8.2	61.2	30.6
1.2 - 0.8		A-2-4, SiSa, brn, Moist, Rec. = 0.8 ft	19	26.4	5.9	61.0	33.1
0.8 - 14.4		Cored ahead, Cobble, 14.4 ft - 15.0 ft	11				
14.4 - 17.0		No Recovery. Appears to be silt., 15.0 ft - 17.0 ft					
17.0 - 20.0		Field Note, Not enough material for a sample. Appears to be Silt.	11				
20.0 - 1.1		A-4, SiSa, brn, Moist, Rec. = 1.1 ft	10	28.2	0.0	60.6	39.4
1.1 - 0.3		A-3, Sa, brn, Moist, Rec. = 0.3 ft	14	22.8	10.7	81.4	7.9
0.3 - 33.7		Top of Bedrock @ 33.7 ft					
33.7 - 34.3		Greenish gray & tan, Granofels and metadiabase, Hard, Moderately weathered, BXMDC, 33.7 ft - 34.3 ft, Rec. = 4.6 ft	1	92	74	80	20
34.3 - 38.7		Greenish gray, Slaty phyllite, Moderately hard, Unweathered, 34.3 ft - 38.7 ft					15
38.7 - 39.7		Greenish gray & tan, Granofels and metadiabase, Drilling break from 39.7' to 40.7', Poor RQD, Hard, Moderately weathered, BXMDC, 38.7 ft - 39.6 ft, Rec. = 3.4 ft	2	68	24	80	4
39.7 - 43.0		Greenish gray, Slaty phyllite, Moderately hard, Unweathered, 39.6 ft - 43.0 ft					1
43.0 - 43.7		Greenish gray, Greenstone, Moderately hard, Moderately weathered, 43.0 ft - 43.7 ft					3
43.7 - 45.0		Hole stopped @ 43.7 ft					3

LOG OF BORING MONTPELIER ITS FIBER OPTIC.GPJ VT AOT.GDT 8/6/07