



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

BORING NUMBER: B-202  
SHEET 1 of 1  
DATE STARTED: 3/31/10  
DATE COMPLETED: 4/06/10

PROJECT NAME: MIDDLEBURY PROJECT NUMBER: RS 0174(8)  
SITE NAME: VT-125 SITE NUMBER: BR-13  
STATION: 13+59 GROUND ELEVATION: 532.53 ft  
OFFSET: 11.00 GROUNDWATER DEPTH:  
VTSPG NAD83: N 536431.30 ft E 1486190.93 ft PROJECT PIN NUMBER: 78F217

BORING CREW BORING RIG: CME 45C SKID AUTO  
CREW CHIEF: GARROW BORING TYPE: WASH BORE  
DRILLER: GARROW SAMPLE TYPE: SPLIT BARREL  
LOGGER: MAHMUTOVIC CHECKED BY: TDE

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		Asphalt Pavement, 0.0 ft - 0.5 ft					
		A-2-4, GrSa, brn, Moist, Rec. = 1.3 ft	28	8.2	21.1	59.2	19.7
5		A-2-4, GrSa, brn, MTW, Rec. = 0.9 ft	13	12.5	28.4	53.1	18.5
10		Field Note: Started coring at 10.0 feet. Run #1 starts at 10.0 feet Lab Note, Boulder Backfill, NXMDC, 10.0 ft, Rec. = 0.8 ft	1	80			26
		Lab Note, Boulder Backfill & Concrete NXMDC, Rec. = 4.0 ft	2	80			20
15							20
		Lab Note, Boulder Backfill & Concrete NXMDC, Rec. = 3.0 ft	3	100	0	10	20
		White to buff, Vitreous Quartzite, with closely spaced iron stained jointing. Fair Rock, Very hard, Fresh Weathering, 17.3 ft - 19.0 ft			Top of Bedrock @ 17.3 ft		20
20		White to buff, Vitreous Quartzite, with closely spaced iron stained jointing. Fair Rock, Very hard, Fresh Weathering, NXMDC, 19.0 ft - 21.0 ft, Rec. = 2.0 ft	4	100	0	10	15
		White to buff, Vitreous Quartzite, with closely spaced iron stained jointing. Thin Phyllitic zone at 23.4 feet. Fair Rock, Very hard, Fresh Weathering, NXMDC, 21.0 ft - 24.0 ft, Rec. = 2.8 ft	5	93	11	10	14
25		Same as Run #4, NXMDC, 24.0 ft - 25.0 ft, Rec. = 1.0 ft	6	100	0	10	26
		Same as Run #4, NXMDC, 25.0 ft - 27.0 ft, Rec. = 1.5 ft	7	75	21	10	25
		White to buff, Vitreous Quartzite, with closely spaced iron stained jointing. Thin Phyllitic zone at 28.6 feet. Fair Rock, Very hard, Fresh Weathering, NXMDC, 27.0 ft - 29.0 ft, Rec. = 1.6 ft	8	80	48	10	12
30		Same as Run #4, NXMDC, 29.0 ft - 31.0 ft, Rec. = 1.4 ft	9	70	50	10	14
		Hole stopped @ 31.0 ft					
35		DRILLER'S NOTES: 1. From 25.0 to 29.0 feet, the bit was changed three times. 3. No water return after 7.0 feet.					

LOG OF BORING MIDDLEBURY RS 0174(8), GPJ VT AOT.GBT 5/6/10