



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

BORING NUMBER: B-102
SHEET 1 of 1
DATE STARTED: 1/18/07
DATE COMPLETED: 1/22/07

PROJECT NAME: MONTGOMERY
SITE NAME: TH-25
STATION: 1+53.00
OFFSET: -6.00
VTSPG: N 863040.56 ft E 1602032.53 ft

PROJECT NUMBER: BHO 1448(37)
SITE NUMBER: BR-32
GROUND ELEVATION: 868.76 ft
GROUNDWATER DEPTH: No Water Found
PROJECT PIN NUMBER: 04J148

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

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)
0-6		A-2-4, GrSiSa, brn, Moist, Rec. = 1.3 ft	6	26.5	24.4	41.9	33.7
		Field Note:, BXDC, Cleaned out casing.					
5-15		Field Class:, A-1-b, Sa Gr, brn, Moist, Rec. = 0.3 ft, Insufficient sample for testing.	15				
10-23		Classification:, Broken Rock with sand, gry, Dry, Rec. = 0.5 ft, Insufficient sample for testing.	23	9.1			
		Classification:, Broken Rock material, brn, Moist, Rec. = 0.8 ft, BXDC, Cleaned out casing					
15-17		A-2-4, GrSa with Wood, brn, MTW, Rec. = 2.0 ft, High moisture content due to wood material within sample.	2	72.1	20.6	61.1	18.3
20-25		A-1-b, Sa with some Wood material, brn, MTW, Rec. = 0.5 ft, High moisture content due to wood material within sample.	WR	53.6	19.3	74.2	6.5
25-30		A-1-a, SaGr with little Wood material, gry-brn, MTW, Rec. = 0.8 ft	12	24.0	62.0	31.5	6.5
30-33.3		Field Class:, A-1-a, Gr, gry, Moist, Rec. = 0.1 ft, Insufficient sample for testing.	8	10.7			
							Top of Bedrock @ 33.3 ft
35-40.3		Gray complexly folded quartz rich schist with phyllite kink bands and scattered pyrite. No significant jointing. Rock is fresh. Competent. Dip of foliation varies from 0-50 degees., Moderately hard, BXMDC, 33.3 ft - 38.3 ft, Rec. = 4.0 ft	1	80	78		13 9 9 10 10
40-40.3		No Recovery for Run #2. Equipment failure. Core barrel broke off in hole., 38.3 ft - 40.3 ft, Rec. = 0.0 ft	2	0			7 9
		Hole stopped @ 40.3 ft					

LOG OF BORING MONTGOMERY BHO 1448(37).GPJ VT AOT.GDT 3/26/07