



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

BORING NUMBER: B-103  
SHEET 1 of 1  
DATE STARTED: 4/04/07  
DATE COMPLETED: 4/11/07

PROJECT NAME: PLYMOUTH  
SITE NAME: VT 100A  
STATION: 199+76.00  
OFFSET: -25.00  
VTSPG: N 387352.02 ft E 1589132.35 ft

PROJECT NUMBER: BRS 0149(3)S  
SITE NUMBER: BR-8  
GROUND ELEVATION: 1045.3 ft  
GROUNDWATER DEPTH: 10.2 ft 4/12/07  
PROJECT PIN NUMBER: 84E057

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)
		A-1-b, GrSa, brn, Moist, Rec. = 1.5 ft	36	15.1	37.4	46.2	16.4
		NXDC, Cleaned out casing., 4.0 ft - 5.0 ft	4	14.4			
		Visual Class., A-1-b, Sa Gr, brn, Moist, Rec. = 0.6 ft, Insufficient sample for testing.					
10		NXDC, Cleaned out casing., 9.8 ft - 10.0 ft	19	14.2	33.7	51.6	14.7
		A-1-b, GrSa, brn, Moist, Rec. = 1.3 ft					
		A-1-b, SaGr, brn, Moist, Rec. = 1.5 ft	22	12.6	46.1	36.5	17.4
		NXDC, Cleaned out casing., 18.2 ft - 19.2 ft					
20		Visual Class., A-1-b, Sa Gr, Rec. = 0.4 ft, Rock in sampler. Insufficient sample for testing.	26				
		No Sample., 25.0 ft - 27.0 ft	26				
30		A-1-b, Sa, brn, Moist, Rec. = 1.5 ft	18	16.7	18.5	68.0	13.5
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.9 ft	19	10.7	38.6	40.2	21.2
		NXDC, Cleaned out casing., 39.5 ft - 40.0 ft	30	11.1	44.2	40.5	15.3
		A-1-b, SaGr, brn, Moist, Rec. = 1.3 ft					
		Visual Class., Broken Rock, Rec. = 0.2 ft	R	Top of Bedrock @	45.2 ft		
50		Gray, Biotite-Quartz Schist, Low RQD may be due to mechanical breakage along foliation., Moderately hard, Unweathered, NXMDC, 45.2 ft - 49.9 ft, Rec. = 4.7 ft	1	100	53	40	18
		Gray, Biotite-Quartz Schist, Low RQD may be due to mechanical breakage along foliation., Moderately hard, Unweathered, NXMDC, 49.9 ft - 54.9 ft, Rec. = 5.0 ft	2	100	50	40	15
		Hole stopped @ 54.9 ft					13
							8
							9
							8
							8
							8
60							
70							

LOG OF BORING - PLYMOUTH - BRS 0149(3)S.GPJ - VT AOT.GDT - 9/27/07