



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

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 5/31/07
 DATE COMPLETED: 6/07/07

PROJECT NAME: JAMAICA
 SITE NAME: TH-43
 STATION: 34+93
 OFFSET: 1.00
 VTSPG: N 208604.63 ft E 1577801.71 ft

PROJECT NUMBER: BRO 1442(27)
 SITE NUMBER: BR-33
 GROUND ELEVATION: 556.42 ft
 GROUNDWATER DEPTH: 13.8 ft 6/07/07
 PROJECT PIN NUMBER: 96J068

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)
		Visual Classification: Coarse sand withleaves, roots, & grass., brn, Moist, Rec. = 0.3 ft	3	6.0	32.6	64.8	2.6
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft					
		NXDC, Cored ahead into Cobbles and advanced casing., 2.9 ft - 5.0 ft	6	12.9	42.1	49.1	8.8
		A-1-b, GrSa, brn, MTW, Rec. = 0.6 ft					
10		NXDC, Cleaned out casing., 9.3 ft - 10.0 ft	6	11.0	53.7	39.8	6.5
		A-1-a, SaGr, gry, MTW, Rec. = 0.75 ft					
		NXDC, Cored ahead into Cobbles and advanced casing., 13.7 ft - 18.7 ft					
20		A-2-4, Sa, Lt/brn, MTW, Rec. = 1.0 ft	16	22.0	0.8	82.0	17.2
		A-3, Sa, brn, MTW, Rec. = 1.2 ft, Used drillers mud.	16	24.7	0.8	89.3	9.9
30		A-2-4, SiSa, gry-brn, Moist, Rec. = 1.3 ft	20	23.5	0.0	74.5	25.5
		NXDC, Cored ahead into Boulder., 33.9 ft - 35.9 ft					
40		A-4, SaSi, Lt/brn, Moist, Rec. = 1.5 ft	30	23.2	13.6	36.7	49.7
		NXDC, Cobbles, Cleaned out casing., 42.7 ft - 45.0 ft					
		A-1-b, SaGr, brn, Moist, Rec. = 1.0 ft	66	9.8	44.3	43.0	12.7
50		Gray with some pink, Gneiss, Competent, Very hard, Unweathered, NXMDC, 49.9 ft - 54.9 ft, Rec. = 4.35 ft	1	87	72	10	14 12 11 9 9
		Gray with some pink, Gneiss, Competent, Very hard, Unweathered, NXMDC, 54.9 ft - 59.9 ft, Rec. = 4.55 ft	2	91	91	15	6 8 9 8 8
60		Hole stopped @ 59.9 ft					

LOG OF BORING - JAMAICA BRO 1442(27).GPJ - VT AOT.GDT 9/20/07