



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

BORING NUMBER: B-102
SHEET 1 of 1
DATE STARTED: 5/24/07
DATE COMPLETED: 5/31/07

PROJECT NAME: JAMAICA
SITE NAME: TH-43
STATION: 36+20
OFFSET: 1.00
VTSPG: N 208496.66 ft E 1577871.81 ft

PROJECT NUMBER: BRO 1442(27)
SITE NUMBER: BR-33
GROUND ELEVATION: 556.11 ft
GROUNDWATER DEPTH: Hole caved in at 11.0'
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)
		A-2-4, GrSa, brn, Moist, Rec. = 1.3 ft	11	6.3	30.7	54.8	14.5
		A-2-4, GrSa, brn, Moist, Rec. = 0.7 ft	10	13.2	35.1	52.3	12.6
10		NXDC, Cleaned out casing., 9.0 ft - 10.0 ft	17				
		No Recovery, 10.0 ft - 12.0 ft					
		NXDC, Cored ahead into Boulder and cleaned out casing., 13.4 ft - 15.4 ft	R				
		NXMDC, Cored ahead into Boulder., 15.4 ft - 18.4 ft					
20		NXDC, Cleaned out casing., 19.0 ft - 20.0 ft	31	11.7	43.6	44.9	11.5
		A-1-b, GrSa, brn, MTW, Rec. = 1.2 ft					
		NXDC, Cleaned out casing., 24.5 ft - 25.0 ft	R	11.4	40.9	43.2	15.9
		A-1-b, GrSa, brn, Moist, Rec. = 0.6 ft					
		NXDC, Cored ahead into Cobbles., 26.4 ft - 28.4 ft	R	12.5	28.6	37.9	33.5
30		NXDC, Cored ahead into Boulders., 29.6 ft - 32.6 ft					
		NXDC, Cleaned out casing., 33.0 ft - 34.5 ft					
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft	64	15.4	18.4	55.2	26.4
40		NXDC, Cored ahead into Boulders., 36.7 ft - 40.0 ft					
		A-2-4, GrSiSa, brn, Moist, Rec. = 0.6 ft	R	10.9	26.1	44.7	29.2
		NXMDC, Cored ahead into Boulder., 45.6 ft - 47.6 ft					
50		NXMDC, Cleaned out casing., 49.1 ft - 50.0 ft	R	11.8	27.2	57.6	15.2
		A-2-4, GrSa, brn, Moist, Rec. = 1.1 ft					
		Gray with some pink, Gneiss, Competent., Very hard, Unweathered, NXMDC, 53.8 ft - 58.8 ft, Rec. = 4.8 ft	1	96	93	10	10 12 15 12 13
60		Gray with some pink, Gneiss, Competent. Quartz zone from 60.6 ft - 61.4 ft., Very hard, Unweathered, NXMDC, 58.8 ft - 63.8 ft, Rec. = 5.0 ft	2	100	100	10	9 12 15 15 13
		Hole stopped @ 63.8 ft					

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