

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					
		A-1-b, GrSa, brn, MTW, Rec. = 0.6 ft	6	12.9	42.1	49.1	8.8
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		Top of Bedrock @ 49.9 ft					
		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					

ABUTMENT #1  
BOTTOM OF STEM  
ELEV. 547.00

PILE DEPTH  
(ESTIMATED)  
ELEV. 506.50

LOG OF BORING JAMAICA BRO 1442(27).DGN VT DOT.GDT 9/29/07

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, 25.4 ft - 28.4 ft					
30		NXDC, Cored ahead into Boulders, 29.6 ft - 32.6 ft					
		NXDC, Cleaned out casing, 33.0 ft - 34.5 ft	R	12.5	28.6	37.9	33.5
		A-2-4, GrSiSa, brn, Moist, Rec. = 1.1 ft					
		NXDC, Cored ahead into Boulders, 36.7 ft - 40.0 ft					
40		A-2-4, SiSa, brn, Moist, Rec. = 1.6 ft	64	15.4	18.4	55.2	26.4
		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					
		Top of Bedrock @ 53.8 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					

ABUTMENT #2  
BOTTOM OF STEM  
ELEV. 547.00

PILE DEPTH  
(ESTIMATED)  
ELEV. 502.30

LOG OF BORING JAMAICA BRO 1442(27).DGN VT DOT.GDT 9/29/07

PROJECT NAME: JAMAICA  
PROJECT NUMBER: BRO 1442(27)  
FILE NAME: s96J068bor.dgn  
PROJECT LEADER: K .HIGGINS  
DESIGNED BY: J. LACROIX  
BORING LOGS  
PLOT DATE: 19-OCT-2009  
DRAWN BY: R. PELLETT  
CHECKED BY: J. LACROIX  
SHEET 15 OF 44