



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

BORING NUMBER: B-101
SHEET 1 of 1
DATE STARTED: 4/10/09
DATE COMPLETED: 4/16/09

PROJECT NAME: RICHFORD
SITE NAME: VT.105
STATION: 4+79.5
OFFSET: 4.50
VTSPG: N 905864.70 ft E 1597459.70 ft

PROJECT NUMBER: STP 034-2(15)
SITE NUMBER: SLIDE
GROUND ELEVATION: 362.6 ft
GROUNDWATER DEPTH: 6.55 ft 4/15/09
PROJECT PIN NUMBER: 09B074

BORING CREW
CREW CHIEF: HOLT
DRILLER: GARROW
LOGGER: MAHMUTOVIC

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
BORING TYPE: HOLLOW STEM AUGER
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: CCB

DEPTH (ft)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/ft)
		Asphalt Pavement, 0.0 ft - 2.0 ft					
		A-1-b, GrSa, Dk/brn, Moist, Rec. = 1.1 ft	28	11.1	38.6	42.5	18.9
		A-4, SiSa, gry, Moist, Rec. = 1.2 ft	13	16.1	9.3	53.9	36.8
		A-4, SiSa, gry, Moist, Rec. = 1.4 ft	5	16.8	13.7	47.9	38.4
10		A-2-4, SiSa, gry, MTW, Rec. = 0.5 ft	5	14.7	12.6	54.4	33.0
		A-4, SaSi, gry, Moist, Rec. = 1.1 ft		26.4	8.8	23.5	67.7
		A-4, Si, gry, MTW, Rec. = 1.1 ft	3	30.2	0.4	13.0	86.6
		A-2-4, Sa, brn, Wet, Rec. = 1.1 ft	8	18.9	17.3	62.9	19.8
		A-2-4, SiSa, brn, Wet, Rec. = 1.1 ft	6	25.9	11.6	60.4	28.0
		A-2-4, GrSiSa, brn, Wet, Rec. = 0.7 ft	2	18.6	20.2	51.5	28.3
20		A-2-4, GrSiSa, brn, Wet, Rec. = 2.0 ft	5	16.1	23.5	51.3	25.2
		A-2-4, SiSa, gry-brn, Moist, Rec. = 1.0 ft	22	14.9	7.2	62.9	29.9
		A-2-4, SiSa, gry-brn, Moist, Rec. = 1.2 ft	35	16.3	13.0	67.0	20.0
		A-2-4, GrSa, gry-brn, Moist, Rec. = 1.6 ft	39	12.6	25.6	54.9	19.5
		A-2-4, SiSa, gry-brn, Moist, Rec. = 1.6 ft	40	12.0	13.1	60.5	26.4
30		A-2-4, SiGrSa, Lt/gry, Moist, Rec. = 1.5 ft	52	17.4	27.8	51.5	20.7
		A-2-4, Sa, Lt/gry, Moist, Rec. = 1.3 ft	65	14.9	7.2	74.1	18.7
		Field Note: NXDC, Boulder, Pulled auger and changed over to 4" casing.					
		A-2-4, SiSa, Lt/gry, Moist, Rec. = 2.0 ft	88	13.2	18.9	61.1	20.0
40		Silver-gray, Quartz-mica Schist, Competent., Hard, Unweathered, BXMDC, 39.6 ft - 42.6 ft, Rec. = 2.7 ft	1	90	20	40	8 18 18
		Silver-gray, Quartz-mica Schist, Competent., Hard, Unweathered, BXMDC, 42.6 ft - 47.6 ft, Rec. = 5.0 ft	2	100	44	40	12 15 12 12 15
50		Hole stopped @ 47.6 ft					

LOG OF BORING RICHFORD STP 034-2(15)GPJ VT AOT.GBT 5/25/09

Top of Bedrock @ 39.6 ft