



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

BORING NUMBER: B-102
SHEET 1 of 1
DATE STARTED: 4/16/09
DATE COMPLETED: 4/20/09

PROJECT NAME: RICHFORD
SITE NAME: VT.105
STATION: 4+01.0
OFFSET: 5.00
VTSPG: N 905856.80 ft E 1597537.80 ft

PROJECT NUMBER: STP 034-2(15)
SITE NUMBER: SLIDE
GROUND ELEVATION: 365.26 ft
GROUNDWATER DEPTH: 11.65 ft 4/20/09
PROJECT PIN NUMBER: 09B074

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

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
BORING TYPE: WASH BORE
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 - 0.8 ft					
		Visual Classification, Mostly loose pavement with some gravel, brn, Moist	45				
		A-4, GrSaSi, brn, Moist, Rec. = 0.8 ft	20	22.5	26.2	26.2	47.6
		No Recovery. Stone in end of sampler, 5.0 ft - 7.0 ft	19				
		A-1-b, SaGr, brn, Moist, Rec. = 0.8 ft	16	9.7	48.7	37.2	14.1
10		NXDC, Stones, 9.0 ft - 9.8 ft					
		A-1-b, SaGr, brn, MTW, Rec. = 0.7 ft	24	11.2	54.3	37.1	8.6
		A-1-b, GrSa, brn, Wet, Rec. = 0.7 ft	12	15.2	33.5	56.5	10.0
		A-1-b, GrSa, gry, Wet, Rec. = 0.7 ft	10	15.2	26.4	57.5	16.1
		A-2-4, SiGrSa, gry, MTW, Rec. = 0.9 ft	17	11.4	25.4	53.0	21.6
20		A-1-b, SiGrSa, gry, Moist, Rec. = 1.1 ft	57	9.4	38.1	41.7	20.2
		A-1-b, SiSaGr, gry, Moist, Rec. = 1.1 ft	R	8.5	42.4	36.9	20.7
		A-2-4, SiGrSa (HP), gry, Moist, Rec. = 0.4 ft	R	8.1	33.5	36.9	29.6
		A-1-b, SiGrSa (HP), gry, Moist, Rec. = 0.3 ft	R	8.1	37.7	38.0	24.3
		A-1-b, SiGrSa (HP), gry, Moist, Rec. = 0.5 ft	R	7.1	38.2	40.2	21.6
		NXDC, Cobbles, 27.0 ft - 28.0 ft					
30		A-1-b, SiGrSa, gry, Moist, Rec. = 0.7 ft	46	9.1	29.4	48.9	21.7
		BXMDC, Cobbles, 31.5 ft - 33.0 ft					
		A-4, SaGrSi, gry, Moist, Rec. = 1.0 ft	61	10.7	30.6	25.5	43.9
		NXDC, Cobbles, 35.9 ft - 38.0 ft					
40		A-1-b, SiGrSa, gry, Moist, Rec. = 1.3 ft	80	8.3	36.8	40.8	22.4
		A-1-a, SaGr, gry, Moist, Rec. = 0.6 ft	R	6.5	52.5	38.4	9.1
50		A-3, Sa, brn, Moist, Rec. = 1.3 ft	R	18.2	6.1	85.7	8.2
		Gray, Micaceous Schist, with quartz stringers and pyrite. Competent., Moderately hard, Unweathered, BXMDC, 50.9 ft - 55.9 ft, Rec. = 4.8 ft	1	96	52	60	10 12 13 11 10
		Hole stopped @ 55.9 ft					

LOG OF BORING RICHFORD STP 034-2(15) GPJ VT AQI.GDT 5/28/09