



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

BORING NUMBER: B-101
 SHEET 1 of 1
 DATE STARTED: 9/02/09
 DATE COMPLETED: 9/02/09

PROJECT NAME: DANVILLE
 SITE NAME: US 2
 STATION: 19+164.00
 OFFSET: -8.95
 VTSPG NAD83: N 212431.61 m E 528652.47 m

PROJECT NUMBER: FECC 028-3(32)
 SITE NUMBER:
 GROUND ELEVATION: 432.66 m
 GROUNDWATER DEPTH: 2.20 m 9/02/09
 PROJECT PIN NUMBER: 86B010

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: WERNER

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: NSM

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/0.3m)
		Asphalt Pavement, 0.00 m - 0.14 m					
1		A-4, SaSi, brn, Wet, Rec. = 0.45 m	9	20.0	7.8	43.4	48.8
2		A-4, SiSa, brn, Wet, Rec. = 0.50 m	13	15.7	3.9	48.5	47.6
3		A-4, SiSa, brn, Wet, Rec. = 0.53 m	25	14.6	11.1	45.6	43.3
4		A-2-4, SiSa, brn, Wet, Rec. = 0.26 m	16	17.6	17.2	50.0	32.8
5		Gray, Meta-Limestone, Phyllite from 5.79M to 6.12m, Competent, Moderately hard, Unweathered, BXMDC, 4.50 m - 6.00 m, Rec. = 1.25 m	1	83	68	15	6 14 20 10 8
6		Hole stopped @ 6.00 m					
7							
8							
9							
10							
11							
12							
13							
14							

LOG OF BORING DANVILLE FECC 028-3(32).GPJ VT AOT.GDT 10/30/09



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BORING NUMBER: B-102
 SHEET 1 of 1
 DATE STARTED: 9/01/09
 DATE COMPLETED: 9/01/09

PROJECT NAME: DANVILLE
 SITE NAME: US 2
 STATION: 19+185.60
 OFFSET: 15.21
 VTSPG NAD83: N 212412.47 m E 528679.55 m

PROJECT NUMBER: FEGC 028-3(32)
 SITE NUMBER:
 GROUND ELEVATION: 431.47 m
 GROUNDWATER DEPTH: 4.10 m 9/02/09
 PROJECT PIN NUMBER: 86B010

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: WERNER

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: NSM

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/0.3m)
1		A-2-4, SiSa, brn, Moist, Rec. = 0.51 m	8	13.6	12.6	62.9	24.5
2		A-1-b, SiGrSa, brn, Wet, Rec. = 0.38 m	8	20.6	30.1	47.3	22.6
3		BXMDC, Boulder, 2.20 m - 2.70 m					
4		A-2-4, GrSa, brn, Wet, Rec. = 0.31 m	13	20.1	25.2	55.7	19.1
5		A-1-b, SaGr, brn, Wet, Rec. = 0.34 m	27	11.6	54.4	31.9	13.7
5		Gray, Meta-Limestone, Competent, Moderately hard, Unweathered, BXDC, 4.65 m - 5.25 m, Rec. = 0.12 m	1	20	20	30	20
6		Gray, Meta-Limestone, with phyllite from 5.79m to 6.12m, Competent, Moderately hard, Unweathered, BXMDC, 5.25 m - 6.75 m, Rec. = 1.41 m	2	94	76	30	14
7		Hole stopped @ 6.75 m					16
8							18
9							16
10							14
11							
12							
13							
14							

LOG OF BORING DANVILLE FEGC 028-3(32).GPJ VT_AOT.GDT 10/30/09



STATE OF VERMONT
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BORING NUMBER: B-103
 SHEET 1 of 1
 DATE STARTED: 9/02/09
 DATE COMPLETED: 9/03/09

PROJECT NAME: DANVILLE
 SITE NAME: US 2
 STATION: 4+017.26
 OFFSET: 7.35
 VTSPG NAD83: N 212406.35 m E 528662.78 m

PROJECT NUMBER: FEGC 028-3(32)
 SITE NUMBER:
 GROUND ELEVATION: 432.46 m
 GROUNDWATER DEPTH: NO WATER TO DEPTH
 PROJECT PIN NUMBER: 86B010

BORING CREW
 CREW CHIEF: GARROW
 DRILLER: GARROW
 LOGGER: WERNER

BORING RIG: LARGE SKID RIG w/AUTO HAMMER
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: NSM

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
			RUN	REC (%)	RQD (%)	Dip (deg)	Drill Rate (min/0.3m)
1		A-2-4, SiGrSa, brn, Moist, Rec. = 0.35 m	4	11.2	22.2	55.7	22.1
1		A-2-4, GrSiSa, brn, Wet, Rec. = 0.31 m	2	28.0	25.4	49.0	25.6
2		A-2-4, SiSa, brn, Wet, Rec. = 0.30 m	11	16.2	10.4	67.4	22.2
3		A-1-b, SiGrSa, brn, Wet, Rec. = 0.11 m	16	19.5	25.4	52.3	22.3
4		A-1-b, GrSa, brn, Wet, Rec. = 0.37 m	74	12.9	38.0	43.3	18.7
5		Gray, Meta-Limestone, interbedded phyllite, Competent, Moderately hard, Unweathered, BXMDC, 4.60 m - 6.10 m, Rec. = 1.46 m	1	97	91	30	9
6		Hole stopped @ 6.10 m					10
7							11
8							11
9							9
10							
11							
12							
13							
14							

LOG OF BORING DANVILLE FEGC 028-3(32).GPJ VT_AOT.GDT 10/30/09