



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

BORING NUMBER: B-1
 SHEET 1 of 1
 DATE STARTED: 7/18/86
 DATE COMPLETED:

PROJECT NAME: WOODSTOCK
 SITE NAME: BR 24
 STATION: 0+248.014
 OFFSET: -3.22
 VTSPG: N 118553.67 m E 498180.00 m

PROJECT NUMBER: BRS 0151(8)S
 SITE NUMBER: VT 106
 GROUND ELEVATION: 300.11 m
 GROUNDWATER DEPTH:
 PROJECT PIN NUMBER: 78F245

BORING CREW
 CREW CHIEF: WILLIS
 DRILLER: WILLIS
 LOGGER: UNKNOWN

BORING RIG: UNKNOWN
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
1							
2		No Sample, 1.50 m - 2.10 m					
3		A-2-4, SiSa, brn, Moist	R				
4							
5		A-4, Si HP, gry, Moist	R	8.7			
6							
7							
8		A-4, SaSi, gry, Moist	R	10.6			
9							
10		A-4, SaSi, gry, Moist	R	10.1			
11		Hole stopped @ 9.40 m					
		DRILLER'S NOTES: Hole stopped in Sandy Silt, HP.					

LOG OF BORING WOODSTOCK BRS0151(8)S.GPJ VT AOT.GDT 8/30/06



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BORING NUMBER: B-4
 SHEET 1 of 1
 DATE STARTED: 7/16/86
 DATE COMPLETED:

PROJECT NAME: WOODSTOCK
 SITE NAME: BR 24
 STATION: 0+270.885
 OFFSET: 9.67
 VTSPG: N 118556.06 m E 498205.85 m

PROJECT NUMBER: BRS 0151(8)S
 SITE NUMBER: VT 106
 GROUND ELEVATION: 297.70 m
 GROUNDWATER DEPTH:
 PROJECT PIN NUMBER: 78F245

BORING CREW
 CREW CHIEF: WILLIS
 DRILLER: WILLIS
 LOGGER: UNKNOWN

BORING RIG: UNKNOWN
 BORING TYPE: WASH BORE
 SAMPLE TYPE: SPLIT BARREL
 CHECKED BY: CAA

DEPTH (m)	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 300mm	M.C. (%)	GRAVEL (%)	SAND (%)	FINES (%)
1							
2		A-2-4, SiGr HP, gry, Moist	R	11.1			
3		A-4, SaSi HP, gry, Moist, Hit Boulder	R	10.2			
4		AXMDC, HP & Boulder, 3.80 m - 5.30 m					
5							
6		A-4, SaSi HP, gry, Moist	R	5.7			
7		BX, Boulder, 6.20 m - 6.50 m					
7		AXMDC, HP & Boulder, 6.50 m - 8.00 m					
8		Hole stopped @ 8.00 m					
9		DRILLER'S NOTES: Hole stopped in HP & Boulders.					
10							
11							

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BORING NUMBER: B-202
SHEET 1 of 1
DATE STARTED: 11/23/04
DATE COMPLETED: 11/30/04

PROJECT NAME: WOODSTOCK
SITE NAME: BR 24
STATION: 0+254.000
OFFSET: 3.65
VTSPG: N 118550.75 m E 498188.02 m

PROJECT NUMBER: BRS 0151(8)S
SITE NUMBER: VT 106
GROUND ELEVATION: 300.23 m
GROUNDWATER DEPTH:
PROJECT PIN NUMBER: 78F245

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: PUALWAN

BORING RIG: SMALL SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: CAA

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							
2		A-2-4, SiSa, Dk/brn, Moist, Rec. = 0.21 m	3	22.7	15.8	51.5	32.7
3		A-4, SaSi, gry-brn, Moist, Rec. = 0.10 m	19	13.3	17.1	36.6	46.3
		A-1-b, SaGr, gry-brn, Moist, Rec. = 0.24 m		22.0	48.3	41.9	9.8
4		4.20 m - 5.00 m, BXDC, Boulder, Cleaned out casing.					
5		5.00 m - 6.00 m, BXMDC, Boulder, Cored ahead & advanced casing.					
6		A-4, GrSaSi HP, gry, Moist, Rec. = 0.26 m	R	8.6	27.8	31.6	40.6
7							
8		A-4, SaSi HP, gry, Moist, Rec. = 0.27 m	R	9.3	16.5	32.4	51.1
9		A-2-4, SaSiGr, gry, Moist, Rec. = 0.15 m	R	8.1	43.3	24.2	32.5
10							
11		A-1-b, SiSaGr, gry, Moist, Rec. = 0.11 m	R	10.9	44.8	31.0	24.2
				Top of Bedrock @ 11.27 m			
12		Gray, Quartz-biotite schist, Competent, RQD value may be affected by mechanical breakage during drilling., Moderately hard, Unweathered, BXDC, 11.27 m - 12.03 m, Rec. = 0.65 m	1	86	0	10	
13		Gray, Quartz-biotite schist, Competent., Moderately hard, Unweathered, BXMDC, 12.03 m - 13.55 m, Rec. = 1.52 m	2	100	80	10	
14		Gray, Quartz-biotite schist, Competent., Moderately hard, Unweathered, BXMDC, 13.55 m - 14.49 m, Rec. = 0.94 m	3	100	80	10	
15		Hole stopped @ 14.49 m					
16		DRILLER'S NOTES: No Groundwater Depth. Hole caved in @ 3.60m.					

LOG OF BORING WOODSTOCK BRS0151(8)S.GPJ VT AOT.GDT 8/30/06



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BORING NUMBER: B-203
SHEET 1 of 1
DATE STARTED: 12/07/04
DATE COMPLETED: 12/13/04

PROJECT NAME: WOODSTOCK
SITE NAME: BR 24
STATION: 0+261.000
OFFSET: -6.56
VTSPG: N 118563.23 m E 498188.15 m

PROJECT NUMBER: BRS 0151(8)S
SITE NUMBER: VT 106
GROUND ELEVATION: 299.21 m
GROUNDWATER DEPTH:
PROJECT PIN NUMBER: 78F245

BORING CREW
CREW CHIEF: GARROW
DRILLER: GARROW
LOGGER: PUALWAN

BORING RIG: SMALL SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL
CHECKED BY: CAA

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							
2		A-2-4, SiSa, gry-brn, Moist, Rec. = 0.15 m	16	17.7	17.7	54.8	27.5
2.10 m - 3.00 m		2.10 m - 3.00 m, BXDC, Cleaned out casing					
3		A-2-4, SiSaGr HP, gry, Moist, Rec. = 0.13 m	R	7.2	36.8	33.8	29.4
4		4.11 m - 4.50 m, BXDC, Cleaned out casing					
5		A-4, GrSaSi HP, gry, Moist, Rec. = 0.30 m	R	8.6	24.6	30.5	44.9
6		5.70 m - 6.00 m, BXDC, Cleaned out casing					
6		A-4, SaSi HP, gry, Moist, Rec. = 0.43 m	R	9.6	16.4	39.9	43.7
7		7.14 m - 7.50 m, BXDC, Cleaned out casing					
8		A-4, SaSi HP, gry, Moist, Rec. = 0.54 m	R	9.3	14.3	34.4	51.3
9		8.64 m - 9.00 m, BXDC, Cleaned out casing					
9		A-4, SaSi HP, gry, Moist, Rec. = 0.15 m	R	9.4	14.5	35.9	49.6
10		10.11 m - 10.53 m, BXDC, Cored ahead & broke through					
11		A-4, SaSi HP, gry, Moist, Rec. = 0.45 m	R	9.3	12.3	35.2	52.5
11.73 m		Top of Bedrock @ 11.73 m					
12		Gray, Phyllitic quartz-biotite schist, Competency fair, Moderately hard, Slightly weathered, BXDC, 11.73 m - 12.33 m, Rec. = 0.33 m	1	55	0	20	12
13		Gray, Phyllitic quartz-biotite schist, Competent., Moderately hard, Unweathered, BXMDC, 12.33 m - 13.83 m, Rec. = 1.41 m	2	94	46	20	5
14		Gray, Phyllitic quartz-biotite schist, Competent., Moderately hard, Unweathered, BXMDC, 13.83 m - 15.06 m, Rec. = 0.90 m	3	73	69	20	6
15		Hole stopped @ 15.06 m					7
16		DRILLER'S NOTES: Hole was moved 3.50m left, because of power pole obstruction. No Groundwater Depth. Hole caved in.					8

LOG OF BORING WOODSTOCK BRS0151(8)S.GPJ VT AOT.GDT 8/30/06