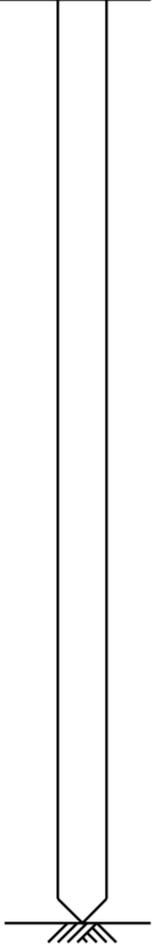


BORING NO. B-1

ELEV. 436.2

ABUT 1
FTG
425.00



APPROX
PILE
TIP
391

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
10						NO SAMPLE
						NO SAMPLE
		R				NO SAMPLE WOOD
20		16				NO SAMPLE SA
		R		M	GRY	A-4 SILT
30		R		M	GRY	A-2-4 SILTY SAND
		R		M	GRY	A-4 SANDY SILY
40						HOLE STOPPED @ 37.5' IN HARDPAN
						NLTD
50						

BORING NO. B-2

ELEV. 435.9

ABUT 2
FTG
427.00

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
						NO SAMPLE FILL
10		10				NO SAMPLE
		58				NO SAMPLE BO.
20		20				NO SAMPLE
		80		M	GRY	A-4 SANDY SILT
30		75		M	GRY	A-4 GRAVELLY SILT
		93		M	GRY	A-4 SANDY SILT
40						HOLE STOPPED @ 36.5' IN HARDPAN
						NLTD
50						

APPROX
PILE
TIP
389

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

HOLE NO.: B-3
SHEET 1 OF 1
DATE STARTED: 4/26/01
DATE COMPLETED: 5/2/01

PROJECT NAME: CASTLETON
SITE NAME: BR 8
STATION: 219+80.00
GROUND EL.: 434.07

PROJECT NUMBER: RS 042 001
SITE NO.: VT 4A
OFFSET: 15.00
G.W. DEPTH: See DRILLER'S NOTES

BORING CREW
CREW CHIEF: TALLMAN
DRILLER: TALLMAN
LOGGER: RUSSELL

BORING RIG: SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS <i>(described)</i>	BLOBS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		BXDC, 2.0'-4.5', Fill Material.	R						
		No Rec. Stone in Sample barrel. Poss. Fill							
10		BXDC, 7.5'-10.0', Boulders	R						
		BXDC, 10.0'-12.0', Boulders, No Rec.							
15		A-1-a, SaGr, brn, Moist, Rec. = 0.50'	6	13.2	58.7	29.8	11.5		
20		A-1-a, SaGr, brn, Moist, Rec. = 0.60'	13	12.2	61.4	32.2	6.4		
25		No Rec. Stone in end of sample barrel.	32						
30		BXDC, 29.0'-30.0' A-4, SaGrSt, gry, Dry, Rec. = 0.80'	R	8.3	31.1	28.1	40.8		
35		A-4, GrSaSt, gry, Dry, Rec. = 0.75'	R	9.8	26.3	28.3	45.4		
40		A-4, SaGrSt, gry, Moist, Rec. = 1.05'	R	10.6	31.1	21.6	47.3		
		Top of bedrock @ 43.5'							
45		Run#1: BXMDC, 43.5'-48.5', Rec. = 1.35', See Geologist's Report.	RUN	REC%	ROD%	Dip°			
			1	27	27	85			
50		Run#2: BXMDC, 48.5'-53.5', Rec. = 1.50', See Geologist's Report.	2	30	30	85			
55		Run#3: BXMDC, 53.5'-58.5', Rec. = 3.00', See Geologist's Report.	3	60	60	85			
60		Hole stopped @ 58.5'							
65		DRILLER'S NOTES:							
70		1. 05/03/01 - No water table determined, Hole caved in at 10.0'.							
75		2. No seams encountered during coring.							
		3. Coring time averaged 2hrs for every 5ft.							
80		GEOLOGIST'S REPORT:							
85		Run#1: Light gray slate, Medium hard, Unweathered, Poor recovery and bad ROD due to difficulty drilling steeply dipping beds.							
90		Run#2: Same as Run#1, but quartz vein at top of Run, Poor recovery and ROD due to difficulty drilling steeply dipping beds.							
95		Run#3: Same as Run#1, Poor recovery and ROD due to difficulty drilling steeply dipping beds.							

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

HOLE NO.: B-4
SHEET 1 OF 1
DATE STARTED: 5/8/01
DATE COMPLETED: 5/16/01

PROJECT NAME: CASTLETON
SITE NAME: BR 8
STATION: 220+50.00
GROUND EL.: 437.07

PROJECT NUMBER: RS 042 (10)
SITE NO.: VT 4A
OFFSET: -15.00
G.W. DEPTH: 12.40

BORING CREW
CREW CHIEF: TALLMAN
DRILLER: TALLMAN
LOGGER: RUSSELL

BORING RIG: SKID RIG
BORING TYPE: WASH BORE
SAMPLE TYPE: SPLIT BARREL

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (described)	BLOCKS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-1-a, Gr, gry-brn, Dry, Rec. = 0.80' Possible Fill Material	7	4.8	74.9	18.6	6.5		
10		A-1-a, SaGr, brn, Moist, Rec. = 0.30'	8	12	60.7	27.7	11.6		
15	CONCRE	13.0' - 16.0', Visual Classification: Concrete Poss. Abutment Footing							
20		BXDC, 18.5' - 20.0', Cleanout casing	33	10.7	24.4	33.3	42.3		
25		A-4, GrSaSI HP, gry, Moist, Rec. = 1.0'	36	9.4	36.1	23	40.9		
30		A-4, SaGrSI HP, gry, Dry, Rec. = 0.65'	39	10.3	22	24.2	53.8	19	4
35		A-4, GrSaSI HP, gry, Moist, Rec. = 1.25'	84	10.5	29.9	23	47.1	20	5
40		A-4, GrSI HP, gry, Moist, Rec. = 0.65'	50	12.3	28.3	19.1	52.6	20	5
45		No Rec.	80						
		Top of bedrock @ 48.5'							
50		Run#1: BXMDC, 48.5' - 53.5', Rec. = 1.60', See Geologist's Report.	RUN	REC%	RQD%	Dip°			
			1	32	32	50			
55		Run#2: BXMDC, 53.5' - 58.5', Rec. = 1.90', See Geologist's Report.	2	38	38	50			
60		Run#3: BXMDC, 58.5' - 63.5', Rec. = 2.05', See Geologist's Report.	3	41	41	50			
65		Hole stopped @ 63.5'							
70		DRILLER'S NOTES:							
75		1. No seams encountered during coring.							
80		2. Coring time averaged 2hrs for every 5ft.							
85		GEOLOGIST'S REPORT:							
90		Run#1: Purple slate, Medium hard, Unweathered, Poor recovery and RQD due to difficult drilling steeply dipping beds.							
95		Run#2: Same as Run#1, Poor recovery and RQD due to difficult drilling steeply dipping beds.							
		Run#3: Same as Run#1, Poor recovery and RQD due to difficult drilling steeply dipping beds.							