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

HOLE NO.: B-5
SHEET 1 OF 1
DATE STARTED: 8/3/00
DATE COMPLETED: 8/3/00

PROJECT NAME: WILLIAMSTOWN
SITE NAME: BR 10
STATION: 220+00.00
GROUND EL.: 873.18

PROJECT NUMBER: BRS 0204(4)
SITE NO.: Vt 64
OFFSET: -7.00
G.W. DEPTH:

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

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

873.18 GROUND EL.

859.00 TOP RET. WALL FOOTING EL.

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		0.0'-0.55', Asphalt							
5		A-1-a, SaGr, brn, Moist, Rec. = 1.0'	26	13	61.1	24.6	14.3		
10		A-2-4, SiGrSa, gry/brn, Moist, Rec. = 0.95'	28	16.4	33	37	30		
		Top of bedrock @ 14.5'							
15		Run#1: BXMDC, 14.5'-19.5' Rec. = 1.75' See Geologist's Report.	RUN 1	REC% 35	RQD% 0	Dip° 20			
20		Hole stopped @ 19.5'							

Geologist's Report:

Run #1: Gray silliceous limestone, Hard, Unweathered, Poor RQD, Not competent.

Drillers reported "Soft spots in rock throughout Run"

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HOLE NO.: B-6
SHEET 1 OF 1
DATE STARTED: 8/2/00
DATE COMPLETED: 8/2/00

PROJECT NAME: WILLIAMSTOWN
SITE NAME: BR 10
STATION: 220+50.00
GROUND EL.: 868.83

PROJECT NUMBER: BRS 0204(4)
SITE NO.: Vt 64
OFFSET: 40.00
G.W. DEPTH: 6.23

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

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

868.83 GROUND EL.

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-1-a, SaGr, gry, Moist, Rec. = 1.0'	8	16.1	66.7	24.6	8.7		
10		A-4, Si, brn, MTW, Rec. = 1.08'	7	23	6.9	9.3	83.8		
		Top of bedrock @ 15.5'							
15		Visual Classification: Broken Rock, Rec. = 0.33'	R						
		Run#1: BXMDC, 15.5'-20.5' Rec. = 5.0', See Geologist's Report.	RUN 1	REC% 100	RQD% 100	Dip° 40			
20		Run#2: BXMDC, 20.5'-25.5' Rec. = 5.0', See Geologist's Report.	2	100	100	40			
25		Hole stopped @ 25.5'							

Note: Water table 6.23'

Geologist's Report:

Run #1: Gray silliceous limestone, Hard, Unweathered, Competent.

Run #2: Same as Run #1 but also contains phyllite, Competent.

STATE OF VERMONT
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SUBSURFACE INFORMATION

HOLE NO.: B-7
SHEET 1 OF 1
DATE STARTED: 8/3/00
DATE COMPLETED: 8/3/00

PROJECT NAME: WILLIAMSTOWN
SITE NAME: BR 10
STATION: 221+00.00
GROUND EL.: 870.57

PROJECT NUMBER: BRS 0204(4)
SITE NO.: Vt 64
OFFSET: 5.00
G.W. DEPTH: 7.54

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

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

870.57 GROUND EL.

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		0.0'-0.5', Asphalt							
5		A-1-b, SaGr, gry-brn, Moist, Rec. = 0.75'	15	14.7	52.5	31.5	16		
10		A-1-b, SiSaGr, Lt/gry, Moist, Rec. = 1.24'	20	13.1	43.2	31.8	25		
		Top of bedrock @ 15.2'							
15		No Sample	R						
		Run#1: BXDC, 15.2'-19.3' Rec. = 1.5', Seam with sand 17.2'-18.8' See Geologist's Report.	RUN 1	REC% 37	RQD% 20	Dip° 40			
20		Run#2: BXDC, 19.3'-23.3' Rec. = 2.0' Soft material or seams 21.0'-23.3' See Geologist's Report.	2	50	38	40			
25		Hole stopped @ 23.3'							

Note : Water table 7.54'

Geologist's Report:

Run #1: Gray silliceous limestone, Hard, Unweathered, Poor RQD, Not competent.
Drillers reported seam with sand from 17.2'-18.8'

Run #2 Same as Run #1, Poor to Fair RQD, Not competent.
Drillers reported soft drilling from 21.0'-23.3'

SURVEYED BY		DATE	
DRAWN BY	J.TOUCHETTE	DATE	08/00
SQUAD LEADER	C.C. BENDA		
DESIGN FILE NO.	/matres/83elll/mellbor.dgn		
IPARM FILE	sellbo3.1	DATE PLOTTED	07-APR-2008
PROJ. NAME	WILLIAMSTOWN		
PROJ. NO.	BRS 0204(4)		
SHEET 44 OF 108 SHEETS			