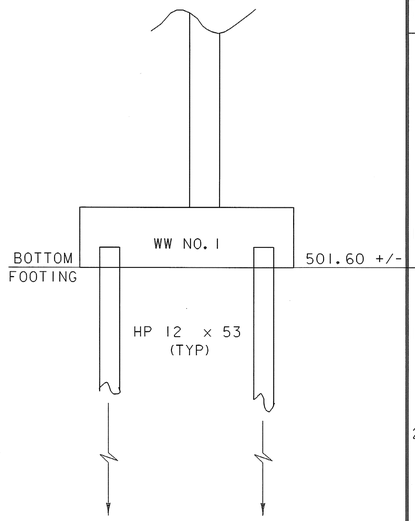

STATE OF VERMONT
AGENCY OF TRANSPORTATION
MATERIALS & RESEARCH DIVISION
SUBSURFACE INFORMATION

HOLE NO.: B-2
SHEET 1 OF 3
DATE STARTED: 3/31/98
DATE COMPLETED: 4/3/98

PROJECT NAME: POWNAL
SITE NAME: BR-41
STATION: 11+55.00
GROUND EL.: 513.69

PROJECT NUMBER: BRZ 1441(19)
SITE NO.: TH #24
OFFSET: 22.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: MCGLYNN
DRILLER: CHABOT E J
LOGGER:

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

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-b, SaGr, brn, Dry, Rec. = 0.6′	10	9.5	48.5	40.4	11.1		
5		A-1-a, SaGr, brn, Moist, Rec. = 0.8′	10	11.8	50.2	40	9.8		
		No Rec.	14						
		A-1-b, SaGr, brn, MTW, Rec. = 0.6′	12	21.1	45.2	40	14.8		
10		A-2-4, GrSiSa, brn, MTW, Rec. = 0.8′	7	20.5	27	41.3	31.7		
		No Rec., Boulders (BXDC, 13.0′-15.0′							
15		A-1-b, Sa w/broken stone, brn, MTW, Rec.= 0.8′	21	20.9	17.2	65.1	17.7		
		A-1-a, SaGr w/broken stone, brn, Moist, Rec. = 0.8′	21	14.5	58.2	33.2	8.6		
20		Broken Rock, Moist Rec. = 0.7′	33	19.7					
		A-4, Si, gry, MTW, Rec. = 1.0′	18	32.9	4.9	4.7	90.4		
25		A-6, SiCl, gry, MTW, Rec. = 2.0′	7	32.7	0.3	6.6	93.1	36	13
		A-6, SiCl (visual), gry, MTW, Rec. = 1.5′	8	31.6		1.6	98.4		
		A-4, Si, gry, MTW, Rec. = 2.0′	16	29		4.7	95.3		
30		A-4, ClSi (visual), gry, MTW, Rec. = 1.5′	8	28	0.4	9.7	89.9		
		A-4, ClSi, gry, MTW, Rec. = 2.0′	13	26.5	0.8	16.8	82.4	30	10
		A-4, ClSi (visual), gry, MTW, Rec. = 2.0′	10	24	1	18.1	80.9		
35		A-4, ClSi, gry, MTW, Rec. = 1.6′	16	21.3	1.2	19.7	79.1	27	9
		A-4, ClSi (visual), gry, MTW, Rec. = 2.0′	12	43.4	4	18.6	77.4		
40		A-4, ClSi, gry, MTW, Rec. = 2.0′	16	28.1	1.6	19.9	78.5	28	10
45		A-6, SiCl (visual), gry, MTW, Rec. = 2.0′	7	42.9		9.6	90.4		

ESTIMATED
PILE TIP
ELEV. 416.29

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

HOLE NO.: B-2
SHEET 2 OF 3
DATE STARTED: 3/31/98
DATE COMPLETED: 4/3/98

PROJECT NAME: POWNAL
SITE NAME: BR-41
STATION: 11+55.00
GROUND EL.: 513.69

PROJECT NUMBER: BRZ 1441(19)
SITE NO.: TH #24
OFFSET: 22.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: MCGLYNN
DRILLER: CHABOT E J
LOGGER:

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

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
50		A-6, SiCl, gry, MTW, Rec. = 1.7′	9	31.6		5.4	94.6	36	12
55		A-7-6, SiCl (visual), gry, MTW, Rec. = 2.0′	7	44		3.6	96.4		
60		A-7-6, SiCl, gry, MTW, Rec. = 2.0′	WH	44.8		0.4	99.6	46	17
65		A-7-6, SiCl (visual), gry, MTW, Rec. = 2.0′	5	45.5		2.1	97.9		
70		A-7-6, SiCl, gry, MTW, Rec. = 1.1′	4	49.3			100	44	15
75		A-4, ClSi (visual), gry, MTW, Rec. = 2.0′	5	42.9			100		
80		A-4, Si, gry, MTW, Rec. = 2.0′	5	43.1			100		
85		A-4, Si (visual), gry, MTW, Rec. = 2.0′	8	36.4			100		
90		A-4, Si, gry, MTW, Rec. = 1.4′	5	34.8			100		
95		A-4, Si, gry, MTW, Rec. = 1.1′	7	29.7			100		
		Run#1: BXMDC, 97.4′-100.0′ Rec. = 1.9′ See Geologist's Report.	Top of bedrock @ 97.4′ See next page for Run#1 results						

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

HOLE NO.: B-2
SHEET 3 OF 3
DATE STARTED: 3/31/98
DATE COMPLETED: 4/3/98

PROJECT NAME: POWNAL
SITE NAME: BR-41
STATION: 11+55.00
GROUND EL.: 513.69

PROJECT NUMBER: BRZ 1441(19)
SITE NO.: TH #24
OFFSET: 22.00
G.W. DEPTH:

BORING CREW
CREW CHIEF: MCGLYNN
DRILLER: CHABOT E J
LOGGER:

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

DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
			RUN	REC%	RQD%	Dip°			
100		Run#2: BXMDC, 100.0′-104.3′, Rec. = 3.9′, See Geologist's Report.	1	73	73	40			
			2	91	91	40			
105		Run#3: BXMDC, 104.3′-108.0′, Rec. = 3.1′, See Geologist's Report.	3	84	84	40			
		Hole stopped @ 108.0′							
110		Geologist's Report							
115		Run#1: Green to gray siliceous schist. Hard. Unweathered. Competent.							
120		Run#2: Green to gray siliceous schist. Hard. Unweathered. Competent.							
125		Run#3: Green to gray siliceous schist. Hard. Unweathered. Competent.							
130		Note For All Runs: Core box dropped and contents spilled out. Only definative info. are run depths, recovery and lithogic descriptions.							
135									
140									
145									

SHEET NAME: BORING LOG SHEET #2

PROJECT NAME: POWNAL
PROJECT NUMBER: BRZ 1441(19) C/2

HIGHWAY NO.: TH 24
BRIDGE NO.: 41
OVER: HOOSIC RIVER

FILE NAME: /87e045/str/se045bor.dgn
SQUAD LEADER: C.C. BENDA
DATE: MAY 1998

PLOT DATE: 08-FEB-2008
DRAWN BY: J.TOUCHETTE
IPARM NAME: se045br3.i
SHEET 25 OF 108