

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION				HOLE NO.: B-1 SHEET 1 OF 1 DATE STARTED: 5/20/93 DATE COMPLETED: 5/20/93					
PROJECT NAME: POWNAL SITE NAME: BR-1 STATION: 0+778.20 GROUND EL.: 178.39		PROJECT NUMBER: RS 0107 (8) SITE NO.: RT-346 OFFSET: -15.24 G.W. DEPTH:		BORING CREW CREW CHIEF: WILLIS DRILLER: NELSON LOGGER: ADDITIONAL CREW:		BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL			
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.12m	11	17.3					
		A-1-a, SaGr, brn, Moist, Rec. = 0.09m	56	38.4					
		No Rec.	16						
		No Rec.	7						
	A.7.6	A-7-6, Clay, brn, Wet, Rec. = 0.06m	6	27.7				51	22
		A-4, Si, brn, Wet, Rec. = 0.12m	8	34.7				34	5
		A-4, Si, brn, Wet, Rec. = 0.15m	4	42.6				33	6
		A-4, Si, gry, Wet, Rec. = 0.30m	5	26.7					
5		A-4, Si, gry, Wet, Rec. = 0.30m	3	39.3				32	3
		A-4, Si, gry, Wet, Rec. = 0.30m	8	30.5				21	0
		A-4, Si, gry, Wet, Rec. = 0.09m	7	37.8					
		A-6, SiCl, gry, Wet, Rec. = 0.15m	6	42.7				40	14
10		No Rec.							
		Run #1: BXMDC, 10.97m-12.50m, Rec. = 1.37m, See Geologist's Report.	RUN	RECZ	RODZ				
		Run #2: BXMDC, 12.50m-14.02m, Rec. = 1.52m, See Geologist's Report.	2	100	16				
Hole stopped @ 14.02m in bedrock									
GEOLOGISTS REPORT:									
Core consists of black, carbonaceous phyllite with numerous quartz lenses. The rock is moderately soft, unweathered and competent.									
Low ROD due to numerous mechanical breaks along foliation planes. Does not reflect core competency.									

Approximate bottom of apron
cut-off wall - Elev. 174.602

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION				HOLE NO.: B-3 SHEET 1 OF 1 DATE STARTED: 5/19/93 DATE COMPLETED: 5/19/93					
PROJECT NAME: POWNAL SITE NAME: BR-1 STATION: 0+770.50 GROUND EL.: 179.43		PROJECT NUMBER: RS 0107 (8) SITE NO.: RT-346 OFFSET: 8.23 G.W. DEPTH:		BORING CREW CREW CHIEF: WILLIS DRILLER: NELSON LOGGER: ADDITIONAL CREW:		BORING RIG: TRUCK BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL			
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER 0.3 m	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
		A-1-b, SiGrSa, brn, Moist, Rec. = 0.03m	7	19.3					
		A-1-a, SaGr, brn, Moist, Rec. = 0.06m	22	9.1					
		No Rec.	44						
		No Rec.	6						
		A-6, SiCl, brn, Wet, Rec. = 0.52m	3	43.4				39	12
		A-4, Si, brn, Wet, Rec. = 0.30m	5	38.6					
		A-4, Si, brn, Wet, Rec. = 0.40m	5	35.7				32	5
		A-6, SiCl, brn, Wet, Rec. = 0.24m	4	38.2				36	12
5									
		A-4, Si, gry, Wet, Rec. = 0.60m	4	40.3				29	5
		A-4, Si, gry, Wet, Rec. = 0.30m	6	32.5				20	0
		A-4, Si, gry, Wet, Rec. = 0.20m	16	26.6					
10	Hole stopped @ 9.75m NLTD								
GEOLOGISTS REPORT:									

Approximate bottom of apron
cut-off wall - Elev. 175.044

BORING LOGS

PROJECT NAME: POWNAL	PLOT DATE: 10-MAY-2007
PROJECT NUMBER: STP RS 0107(8)	DRAWN BY: J.GILMORE
FILE NAME: /84c028/str/sc028bor.dgn	CHECKED BY: T.FILLBACH
PROJECT LEADER: W.SYMONDS	SHEET 21 OF 65
DESIGNED BY: G.SHANGRAW	
sc028log.l	