

HARTLAND BRS-013(22)  
BORING NO. B-3

ELEVATION		METRIC (M)	ENGLISH (FT)	DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
172.96 M	567.47 FT									OVERHANG 0.0' TO 11.0'
				5						
				2						
				10						TOP OF BEDROCK AT 11.0'
				4						RUN #1, BXMDC, 11.0' TO 16.0' - REC. 2.5
				15						RUN #2, BXMDC, 16.0' TO 21.0' - REC. 5.0
				6						HOLE STOPPED AT 21.0' IN BEDROCK
				25						RUN REC% RQD% 1 50% 9% 2 100% 48%
				8						CORE CONSISTS OF INTERBEDDED PHYLLITE, QUARTZITE AND SILICEOUS LIMESTONE. THE ROCK IS SLIGHTLY WEATHERED, HARD & COMPETENT. LOW RQD DUE TO MECHANICAL BREAKS ALONG PROMINENT CLEAVAGE DURING CORING.
				30						
				10						
				35						

HARTLAND BRS-013(22)  
BORING NO. B-4

ELEVATION		METRIC (M)	ENGLISH (FT)	DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
176.71 M	579.77 FT									0.0' TO 1.0' PAVEMENT 1.0' TO 2.0' CONCRETE
				5						
				2		19		M	BRN	SILT SAND W/STONES, REC. 0.5
				10						TOP OF BEDROCK AT 9.0'
				4						RUN #1, BXMDC, 9.0' 14.0', REC. 2.4
				15						RUN #2, BXMDC, 14.0' TO 19.0', REC. 2.6
				6						RUN #3, BXMDC, 19.0' TO 23.0', REC. 1.9
				20						HOLE STOPPED AT 23.0' IN BEDROCK
				8						RUN REC% RQD% 1 48% 7% 2 52% 13% 3 48% 15%
				30						CORE CONSISTS OF INTERBEDDED PHYLLITE, QUARTZITE AND SILICEOUS LIMESTONE. THE ROCK IS SLIGHTLY WEATHERED, HARD & COMPETENT OVERALL. LOW RQD DUE TO NUMEROUS MECHANICAL BREAKS DURING CORING.
				10						
				35						
				12						
				40						

ELEV. 171.200 M  
TOP OF FOOTING  
ABUTMENT #2

700 (MIN.)  
POUR TO LEDGE

HARTLAND BRS-013(22)  
BORING NO. B-5

ELEVATION		METRIC (M)	ENGLISH (FT)	DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
176.31 M	578.46 FT									0.0' TO 4.0', GRAVEL & SAND
				5						
				2						CORED 4.0' TO 6.0', LOOSE ROCK OR BOULDERS
				10						ADVANCED CASING TO 10.0' CORED 10.0' TO 12.0'
				4						ADVANCED CASING TO 16.0' LOOSE ROCK OR FILL CLEANED OUT HOLE
				15						TOP OF BEDROCK AT 16.0' RUN #1, BXMDC, 16.0' TO 18.0', REC. 0.4
				6						RUN #2, BXMDC, 18.0' TO 23.0', REC. 3.9
				20						RUN #3, BXMDC, 23.0' TO 28.0', REC. 4.4
				8						
				25						
				30						RUN #4, BXMDC, 28.0' TO 33.0', REC. 4.8
				10						HOLE STOPPED AT 33.0' IN BEDROCK
				35						RUN REC% RQD% 1 20% 0% 2 78% 7% 3 88% 48% 4 96% 78%
				12						CORE CONSISTS OF INTERBEDDED PHYLLITE, QUARTZITE AND SILICEOUS LIMESTONE. THE ROCK IS HARD, SLIGHTLY WEATHERED IN THE TOP 8.0' AND COMPETENT OVERALL.
				40						
				14						
				45						
				50						

ELEV. 171.200 M  
TOP OF FOOTING  
ABUTMENT #2

700 (MIN.)  
POUR TO LEDGE

**NOTE:**

BORINGS B-3, B-4 AND B-5 ARE SHOWN IN ENGLISH UNITS (SCALE: 3/16" = 1'-0") AND ARE SHOWN IN THE RIGHT COLUMN TO THE LEFT SIDE OF THE BORING LOG. EQUIVALENT METRIC DEPTHS ARE SHOWN NEXT TO THE ENGLISH DEPTHS IN THE LEFT COLUMN TO THE LEFT SIDE OF THE BORING LOG.

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of	HARTLAND	Bridge No.	60
Highway No.	U.S. ROUTE 5	Log Sta.	
		Surv. Sta.	
U.S. ROUTE 5 OVER LULLS BROOK			
<b>BORING INFORMATION SHT. - 3</b>			
Designed By	S. BAKI 12/98	Drawn By	W. GAYNOR 12/98
Checked By	Date	Bridge Design Supervisor	
S. BAKI	12/98	J. MIECZKOWSKI	Date 12/98
PROJECT	HARTLAND	PROJECT NO.	
		BRS No.	013(22)
I.G.C. Info. M:\145620\VAOT Hartland\struct\zf204bll.dgn			
Bridge Sheet No.	BRI07	Sheet	42 of 86