

HARTLAND BRS-013(22)  
BORING NO. RT-1

METRIC (M)	ENGLISH (FT)	DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
ELEVATION 174.32 M 571.90 FT								0.0' TO 1.0' - PAVEMENT FILL, SAND & GRAVEL
		5						NO SAMPLE, BOULDER
		2						SAND & GRAVEL TOP OF BEDROCK AT 10.5'
		10		R		M	DK BRN	ADVANCED CASING TO 11.0' - CLEANED OUT RUN #1, BXMDC, 11.0' TO 16.0' - REC. 3.6
		4						RUN #2, BXMDC, 16.0' TO 21.0' - REC. 3.0
		15						HOLE STOPPED AT 21.0' IN BEDROCK
		6						RUN REC% ROD% 1 72% 24% 2 60% 7%
		25						CORE CONSISTS OF INTERBEDDED PHYLLITE, QUARTZITE AND SILICEOUS LIMESTONE. THE ROCK IS SLIGHTLY WEATHERED, HARD & COMPETENT. LOW ROD DUE TO MECHANICAL BREAKS ALONG PROMINENT CLEAVAGE DURING CORING.
		8						
		30						
		10						
		35						

HARTLAND BRS-013(22)  
BORING NO. B-1

METRIC (M)	ENGLISH (FT)	DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
ELEVATION 176.48 M 579.01 FT								0.0' TO 7.0' GRAVEL, FILL & BOULDERS
		5						
		2						7.0' TO 10.0' CONCRETE RUN #1, BXMDC CORED 7.0' TO 11.0', REC. 2.0
		10						TOP OF BEDROCK AT 11.0' VERY SOFT W/SEAMS AND VOIDS ADVANCE CASING TO 15.0' & CLEANED OUT RUN #2, BXMDC, 15.0' TO 20.0' - REC. 4.1
		4						
		15						RUN #3, BXMDC, 20.0' TO 25.0' - REC. 5.0
		6						
		20						RUN #4, BXMDC, 25.0' TO 28.0' - REC. 3.0 HOLE STOPPED AT 28.0' IN BEDROCK
		8						
		25						RUN REC% ROD% 1 50% 0% 2 82% 28% 3 100% 68% 4 100% 50%
		30						CORE CONSISTS OF INTERBEDDED PHYLLITE, QUARTZITE AND SILICEOUS LIMESTONE. THE ROCK IS SLIGHTLY WEATHERED, HARD & COMPETENT. SOIL & VOIDS FROM 11.0' TO 15.0'.
		10						
		35						
		12						
		40						
		45						

HARTLAND BRS-013(22)  
BORING NO. B-2

METRIC (M)	ENGLISH (FT)	DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
ELEVATION 176.15 M 577.92 FT								0.0' TO 1.0' - PAVEMENT GRAVEL & SAND
		5						NO SAMPLE, BOULDER GRAVEL & SAND (WASH)
		2						NR
		10						
		4						RUN #1, BXMDC, 12.5' TO 15.0', CONCRETE (REC. 1.2)
		15						TOP OF BEDROCK AT 15.0' 15.0' TO 17.5' BEDROCK RUN #2, BXMDC, 17.5' TO 22.5', REC. 3.5
		6						HOLE STOPPED AT 22.5' IN BEDROCK
		20						RUN REC% ROD% 1 74% 18% 2 70% 23%
		8						BEDROCK CONSISTS OF INTERBEDDED PHYLLITE, QUARTZITE AND SILICEOUS LIMESTONE. THE ROCK IS SLIGHTLY WEATHERED, HARD & COMPETENT. LOW ROD DUE TO PROMINENT CLEAVAGE CAUSING BREAKS DURING CORING.
		25						
		30						
		10						
		35						
		12						
		40						

**NOTE:**

BORINGS RT-1, B-1 AND B-2 ARE SHOWN IN ENGLISH UNITS (SCALE: 3/8" = 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. - 2</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:\1456201 VAOT Hartland\struct\z#204bl.dgn			
Bridge Sheet No.	BRI06	Sheet	41 of 86