

HOLE NO. B-6 STA. 87+46 OFFSET 10' LT  
 DRILLER Green Mountain Boring Co. Inc.  
 LOG APPROVED BY WLR  
 DATE: START 7/23/86 FINISH 7/23/86  
 SURFACE ELEVATION 541.0'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
							Drilled w/auger
							Refusal of auger at 8'
10							
20							
30							

HOLE NO. B-7 STA. 87+49 OFFSET 25' RT  
 DRILLER Green Mountain Boring Co. Inc.  
 LOG APPROVED BY WLR  
 DATE: START 7/8/86 FINISH 7/8/86  
 SURFACE ELEVATION 538.0'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
	12					D	Fine sand w/silt & small stone
						D	Silt w/trace of fine sand
10						H	Silt w/trace of fine and some organic matter
						W	Silt w/trace of fine sand and some organic matter
20						W	Silt w/trace of fine sand
30							

HOLE NO. B-8 STA. 87+61 OFFSET 10' LT  
 DRILLER Green Mountain Boring Co. Inc.  
 LOG APPROVED BY WLR  
 DATE: START 7/22/86 FINISH 7/22/86  
 SURFACE ELEVATION 540.0'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
	14					D	Silty sand w/stones
						D	Silty sand w/small stones
10							Refusal of auger on stone @ 8'
							Refusal of spoon on stone
20							
30							

HOLE NO. B-9 STA. 117+30 OFFSET 13' LT  
 DRILLER Green Mountain Boring Co. Inc.  
 LOG APPROVED BY WLR  
 DATE: START 8/3/86 FINISH 8/4/86  
 SURFACE ELEVATION 537.0'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
	29					D-M	Road fill & silty sand w/stone
						D-M	Silt w/trace of fine sand & stone
10						W	Silt w/trace of fine sand & pebbles
						W	Coarse sand & stone into silty clay
20						W	Small gravel into silty clay
						W	Clean silt
30						W	Clean silt

HOLE NO. B-10 STA. 117+40 OFFSET 12' RT  
 DRILLER Green Mountain Boring Co. Inc.  
 LOG APPROVED BY WLR  
 DATE: START 8/5/86 FINISH 8/5/86  
 SURFACE ELEVATION 537.2'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
	27					D	Roadfill-silty sand w/broken stone
						D	Roadfill-silty sand w/broken stone
10							*Refusal on auger @ 7' moved to Sta. 117+47 @ Sta. 117+47 refusal @ 9'
	** 33					D-M **	Sta. 117+23 silty sand w/stone
						W	Coarse sand into silt w/trace of clay
20						W	Silt w/trace of clay
						W	Clean silt w/trace of clay
30						W	Silt w/trace of clay

HOLE NO. B-11 STA. 121+88 OFFSET 15' LT  
 DRILLER Green Mountain Boring Co. Inc.  
 LOG APPROVED BY WLR  
 DATE: START 8/4/86 FINISH 8/4/86  
 SURFACE ELEVATION 537.0'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
	51					D	Silty sand w/stone & 1" bituminous
						D	Roadfill - crushed stone w/silty sand
10							Refusal on spoon @ 10'
						W	Silt w/trace sand & small stone
20						W	Coarse sand w/stone
						W	Fine-medium sand w/ few small stones
30							

HOLE NO. B-12 STA. 121+95 OFFSET 23' RT  
 DRILLER Green Mountain Boring Co. Inc.  
 LOG APPROVED BY WLR  
 DATE: START 7/31/86 FINISH 8/1/86  
 SURFACE ELEVATION 538.0'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
	10					D	Silty sand w/stone
						D-M	Silty sand w/stone & small gravel
10						M	Silt w/trace of very fine sand and stone
						M	Silt w/trace of sand and small stone
20						*	* Refusal on augers and spoon at 20'
							Drilled w/diamond bit (NX) from 20' to 25' w/58" of recovery of the Hortonville Fm. consisting of black carbonaceous & pyritic slate and phyllite
30							

HOLE NO. B-34 STA. 219+13 OFFSET 30' LT  
 DRILLER Green Mountain Boring Co. Inc.  
 LOG APPROVED BY WLR  
 DATE: START 7/10/86 FINISH 7/10/86  
 SURFACE ELEVATION 505.0'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
	22					D	Silty sand w/stones
						D	Silty sand w/pebbles
10						M	Silty small gravel
						W	Silty gravel
20						D	Fine sand
						M	Fine sand
30							

**STATE OF VERMONT**  
**AGENCY OF TRANSPORTATION**

Town Of **POWNA** Bridge No. 3,4,5 & 8A  
 Highway No. **ROUTE 346** Log Sta. Surv. Sta.  
**BORING INFORMATION SHEET**  
 FOR BRIDGES 3, 4, 5, AND 8A

Designed By G.F. Date 2/10/87 Drawn By K.B. Date  
 Checked By P.D.M. Bridge Design Supervisor

PROJECT **POWNA** PROJECT NO. **RS0107(7)**  
 L.G.C. Info. Bridge Sheet No. Sheet 135 of 319

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