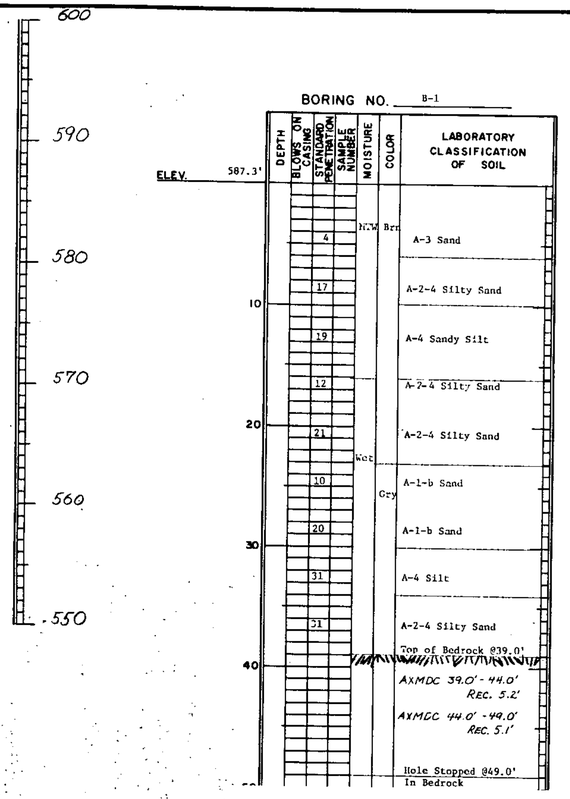


BORING NO. B-1

ELEV. 587.3'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
		4		M-W	Brn	A-3 Sand
		17				A-2-4 Silty Sand
		19				A-4 Sandy Silt
		12				A-2-4 Silty Sand
		21		Wet		A-2-4 Silty Sand
		10			Gry	A-1-b Sand
		20				A-1-b Sand
		31				A-4 Silt
		31				A-2-4 Silty Sand
						Top of Bedrock @39.0'
						AXMDC 39.0'-44.0' REC. 5.2'
						AXMDC 44.0'-49.0' REC. 5.1'
						Hole Stopped @49.0' In Bedrock

BORING NO. B-2

ELEV. 587.1'

BOT. ABUT #1

EST. PILE PENETRATION = 50'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
		5		M-W	Brn	A-3 Sand
		4				A-3 Sand
		3				A-2-4 Silty Sand
		4				A-2-4 Silty Sand
		13		Wet		A-1-b Gravel
		16				A-3 Sand
		18				A-2-4 Silty Sand
		4			Gry	A-2-4 Sand
		12				A-3 Sand
		14				A-3 Sand
		21				A-3 Sand
						Top of Bedrock @46.6'
						AXMDC 46.6'-51.6' REC. 5.1'
						AXMDC 51.6'-56.6' REC. 5.0'
						Hole Stopped @56.6' In Bedrock

BORING NO. B-3

ELEV. 586.9'

BOT. PILE #1

EST. PILE PENETRATION = 30'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
		10		M		A-2-4 Silty Sand
		2				A-2-4 Silty Sand
		5		M-W	Brn	A-2-4 Silty Sand
		2		W		A-2-4 Silty Sand
		30		W		A-2-4 Silty Sand
		20				No Sample
		37				A-4 Sandy Silt
		30				A-4 Silt
		37		Wet		A-3 Sand
		31				A-2-4 Silty Sand
		34				A-2-4 Silty Sand
		37				A-2-4 Silty Sand
						Top of Bedrock @46.4'
						AXMDC 46.4'-51.4' REC. 4.1'
						AXMDC 51.4'-56.4' REC. 5.1'
						Hole Stopped @56.4' In Bedrock

BORING NO. B-4

ELEV. 586.2'

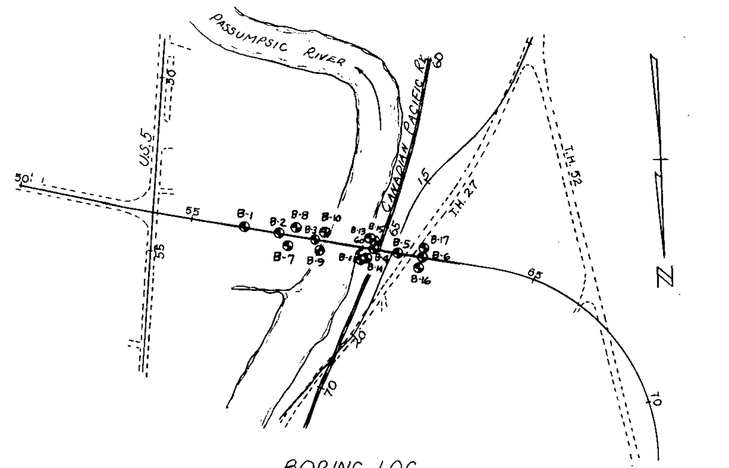
BOT. PILE #2

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
		2				No Sample
		9				A-4 Sandy Silt
		10				A-4 Silt
		28				A-2-4 Silty Sand
						Top of Bedrock @20.0'
						AXMDC 20.0'-25.0' REC. 5.1'
						AXMDC 25.0-30.0' REC. 4.7'
						Hole Stopped @30.0' In Bedrock

BORING NO. B-5

ELEV. 590.9'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
		12		M	Brn	A-1-b Sandy Gravel
		11		Wet		A-4 Silt
		5				A-4 Silt
		2				A-2-4 Silty Sand
		36				A-4 Sandy Silt
						Top of Bedrock @32.0'
						AXMDC 22.0'-27.0' REC. 5.2'
						AXMDC 27.0'-32.0' REC. 5.0'
						Hole Stopped @32.0' In Bedrock



BORING LOG

SCALE: 1"=200'

ELEV. 610.00 BOT. ABUT. #2

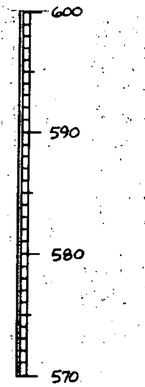
PENETRATION = 40'

BORING NO. B-6

ELEV. 593.9'

EST. PILE

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	SAMPLE NUMBER	MOISTURE	COLOR	LABORATORY CLASSIFICATION OF SOIL
		8		M	Brn	A-4 Silt
		10		Wet		A-1-b Sand
						Top of Bedrock @11.0'
						AXMDC 11.0'-16.0' REC. 4.0'
						AXMDC 16.0'-21.0' REC. 4.5'
						Hole Stopped @21.0' In Bedrock



GENERAL NOTES

THE SUBSURFACE EXPLORATIONS SHOWN HEREON WERE MADE BETWEEN NOV. 79 AND APRIL 82 BY THE VERMONT AGENCY OF TRANSPORTATION.

1. SOIL AND ROCK (WHERE ENCOUNTERED) CLASSIFICATION, PROPERTIES AND DESCRIPTIONS ARE BASED ON ENGINEERING INTERPRETATION OF AVAILABLE SUBSURFACE INFORMATION BY THE VERMONT AGENCY OF TRANSPORTATION AND MAY NOT NECESSARILY REFLECT ACTUAL VARIATIONS IN SUBSURFACE CONDITIONS THAT MAY BE ENCOUNTERED BETWEEN INDIVIDUAL BORING OR SAMPLE LOCATIONS.

2. OBSERVED WATER LEVELS AND/OR WATER CONDITIONS INDICATED ARE AS RECORDED AT THE TIME OF EXPLORATION AND MAY VARY ACCORDING TO THE PREVAILING RAINFALL, METHODS OF EXPLORATION AND OTHER FACTORS.

3. SOUND ENGINEERING JUDGEMENT WAS EXERCISED IN PREPARING THE SUBSURFACE INFORMATION PRESENTED HEREON. ANALYSIS AND INTERPRETATION OF SUBSURFACE DATA WAS PERFORMED AND INTENDED FOR AGENCY DESIGN AND ESTIMATE PURPOSES ONLY. PRESENTATION OF THE INFORMATION ON THE PLANS OR ELSEWHERE IS FOR THE PURPOSE OF PROVIDING INTENDED USERS WITH ACCESS TO THE SAME DATA AVAILABLE TO THE AGENCY. THE SUBSURFACE INFORMATION IS PRESENTED IN GOOD FAITH AND IS NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INDEPENDENT INTERPRETATIONS, INDEPENDENT ANALYSIS OR JUDGEMENT OF THE CONTRACTOR.

4. PICTORIAL STRUCTURE DETAILS SHOWN HEREON ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT BE INDICATIVE OF THE FINAL DESIGN CONDITIONS SHOWN IN THE CONTRACT PLANS.

BORING NO.	SURVEY STATION	OFFSET
B-1	56+50	6' LT.
B-2	57+50	4' LT.
B-3	58+50	℄
B-4	60+35	℄
B-5	61+00	℄
B-6	61+85	℄
B-7	57+79	30' RT.
B-8	57+93	25' LT.
B-9	58+68	30' RT.
B-10	58+83	25' LT.
B-11	59+99	32' RT.
B-13	60+15	30' LT.
B-14	60+18	30' RT.
B-15	60+31	25' LT.
B-16	61+64	30' RT.
B-17	61+77	25' LT.

BORING NOMENCLATURE

STANDARD PENETRATION BORINGS
SAMPLER OUTSIDE DIAMETER 2"
SAMPLER INSIDE DIAMETER 1 3/8"
WEIGHT OF HAMMER 140 LBS
HAMMER FALL 30"

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TOWN OF ST. JOHNSBURY	Bridge No. 1
HIGHWAY NO. I-91 NORTH CONNECTOR	Log Sta. Surv. Sta. 60+0
BORING LOG	
I-91 NORTH CONNECTOR OVER PASSUMPSIC RIVER	
Designed by G.V. SPILAR	Drawn by S. BASCOM
Checked by A. ELWOOD date 3-81	Bridge Design Supervisor R.S. HAUPT date 3-81
PROJECT ST. JOHNSBURY	PROJECT NO. DP-FF041-1(10)
Bridge Sheet No. BR 103	Sheet 61 of 229

BRUNING 44-131-40151

BR-6