



STD. PENETRATION BORINGS

BORING NO.	SURVEY STA.	OFFSET	SURFACE EL.
B-1	12+03	Rt. 3'	945.9
B-2	12+38	Rt. 3'	951.2
B-3	12+96	Rt. 11'	952.6
B-4	13+25	Lt. 24'	943.8

GENERAL NOTES

- THE SUBSURFACE EXPLORATIONS SHOWN HEREON WERE MADE BETWEEN 2-89 AND 2-89 BY THE VERMONT AGENCY OF TRANSPORTATION.
- 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.
 - 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.
 - 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.
 - 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 NOMENCLATURE

- ⊙ STANDARD PENETRATION BORINGS
SAMPLER OUTSIDE DIAMETER 2"
SAMPLER INSIDE DIAMETER 1 3/8"
WEIGHT OF HAMMER 140 LBS
HAMMER FALL 30"
- ⊕ AUGER BORINGS
- ⊙ ROD SOUNDINGS
- UP UNDISTURBED PISTON SAMPLE
- VS FIELD VANE SHEAR SAMPLE

VT ADT CHESTER BRZ 1442(10)

HOLE NO. B-1 STA. 12+03 OFFSET RT 3'

DRILLER WILLIS

LOG APPROVED BY D. G. CARLIZ

DATE START 2/15/84 FINISH

SURFACE ELEVATION 945.9'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
0							NO SAMPLE GR. BO.
10							TOP OF BEDROCK @ 8.0'
10							AXDC 8.0' - 13.0' REC-983 RQD-17%
10							AXDC 13.0' - 18.0' REC-785 RQD-6%
10							ROCK TYPE - CARBONACEOUS MICA SCHIST AND QUARTZITE
20							HOLE STOPPED @ 18.0' IN BEDROCK

VT ADT CHESTER BRZ 1442(10)

HOLE NO. B-2 STA. 12+38 OFFSET RT 3'

DRILLER WILLIS

LOG APPROVED BY D. G. CARLIZ

DATE START 2/8/84 FINISH

SURFACE ELEVATION 951.2'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
0							NO SAMPLE GR. BO.
10							NO SAMPLE GR. BO.
10							TOP OF BEDROCK @ 13.5'
10							AXDC 13.5' - 18.0' REC-915 RQD-44%
10							ROCK TYPE - *SEE BELOW
20							HOLE STOPPED @ 18.0' IN BEDROCK
20							BROKEN CORE BARREL
20							*ROCK TYPE - CARBONACEOUS MICA SCHIST AND QUARTZITE.

VT ADT CHESTER BRZ 1442(10)

HOLE NO. B-3 STA. 12+96 OFFSET RT 11'

DRILLER WILLIS

LOG APPROVED BY D. G. CARLIZ

DATE START 2/9/84 FINISH

SURFACE ELEVATION 952.6'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
0							C. GRAVEL FILL
10							NO SAMPLE BO.
10							TOP OF BEDROCK @ 11.0'
10							AXDC 11.0' - 13.0' REC-705 RQD-0
10							AXDC 13.0' - 18.0'
10							REC-725 RQD-0
10							AXDC 18.0' - 23.0'
10							REC-935 RQD-0
10							ROCK TYPE - CARBONACEOUS MICA SCHIST AND QUARTZITE
20							HOLE STOPPED @ 23.0' IN BEDROCK

VT ADT CHESTER BRZ 1442(10)

HOLE NO. B-4 STA. 13+25 OFFSET LT 24'

DRILLER WILLIS

LOG APPROVED BY D. G. CARLIZ

DATE START 2/14/84 FINISH

SURFACE ELEVATION 943.8'

DEPTH	BLOWS ON CASING	STANDARD PENETRATION	LIQUID LIMIT	PLASTICITY INDEX	MOISTURE	COLOR	CLASSIFICATION AND PROPERTIES OF SOIL AND ROCK
0							NO SAMPLE BO.
10							TOP OF BEDROCK @ 4.1'
10							AXDC 4.1' - 9.1' REC-665 RQD-20%
10							AXDC 9.1' - 16.1'
10							REC-1005 RQD-0%
10							ROCK TYPE - CARBONACEOUS MICA SCHIST AND QUARTZITE
20							HOLE STOPPED @ 14.1' IN BEDROCK

STATE OF VERMONT	
AGENCY OF TRANSPORTATION	
TOWN OF CHESTER	Bridge No. 67
HIGHWAY NO. T.H. No. 9	Log Sta.
T.H. No. 9 OVER WILLIAMS RIVER	
BORING LOG	
Designed by R.P. GANDRAN	Drawn by J. HOLLAR
Checked by R.P. GANDRAN date 5-28-84	Bridge Design Supervisor R.L. O'Neil date 11-86
PROJECT CHESTER	PROJECT NO. BRZ 1442(10)
Bridge Sheet No.	Sheet 5 of 28