R 40A
(V-69)

DEPARTMENT OF ENERGY, MINES AND RESOURCES
INLAND WATERS BRANCH-WATER SURVEY OF CANADA

DESCRIPTION OF STATION

Station Number 08NN011

Station Name BOUNDARY CREEK

Near MIDWAY Prov. B.C.

Latitude 49° 00' 08" Longitude 118° 45' 42"

Map Number 82 E/2 Scale 1:50,000

Established JUNE 26 1929 By W.S.S. GEORGE

Reestablished MARCH 29 1974 By WAYT LUTSIAK

Relocated ____ 19____ By ____

____(miles, yards) (upstream, downstream) from ____ former location ____

Location of station with respect to towns, bridges, highways railroads, tributaries, islands, falls, dams, etc.
1 MILE FROM MIDWAY, UPSTREAM OF BRIDGE ON HIGHWAY TO U.S. CUSTOMS. APPROX. ¼ MILE FROM INTERNATIONAL BOUNDARY.
¼ MILE ABOVE MOUTH OF KETTLE RIVER.

Description and location of the gauge. If chain gauge or wi weight, give length from end of weight to the first marker:
0-6 FT. STAFF GAUGE ON R.B. 45 FT. UPSTREAM of NEW CROSSING.
DATUM LOWERED SEPT. 6 (74) 0.69 FT.
NEW DATUM COMMENCING APRIL (75)
GAUGE "0" = 574.63 metres

Description of the equipment from which measurements are made
WADING @ LOW TO MEDIUM STAGES
HANDLINE FROM BRIDGE @ HIGH STAGE

Location and description of initial point for soundings:
NONE.

GAUGE LOWERED 95/09/29 Adjust

Description of channel or other conditions affecting control and discharge and discharge measurement: ARMOURED REACH GAUGE STRAIGHT FOR ABOUT 100 FEET AND REACH GAUGE STRAIGHT FOR ABOUT 300 FEET. ALSO REACH 1000 FEET TO 1 MILE D/S. RIVER WATER

Number of channels at low and high water, approximate depth of water, etc.: ONE

Coefficient for 2/10 method: _____

Note any conditions affecting the natural flow such as storage and/or diversions: MANMADE DAMS STARTED

Crest-stage gauge description: _____

Zero flow at G.H.: _____

Bench-marks: Describe fully, give year established, elevation above zero of the gauge and above sea level or other datum, if possible:

BM 4 - ELEV. 7.73(75) - LAGBOLT DRIVEN VERTICALLY INTO BASE OF 18"ϕ COTTON-WOOD 5 FT. UPSTREAM AND 15 FT. INSHORE OF S.G. ON R.B.

BM 5 - ELEV. 7.63(75) - LAGBOLT DRIVEN VERTICALLY INTO 14" ϕ DECEM (OR BIRCH) 25 FT. DOWNSTREAM AND 15 FT. INSHORE OF S.G. ON R.B.

Destroyed 1976

BM 6 - DESTROYED

BM 7 - ELEV. 5.77(75) - LAGBOLT DRIVEN HORIZONTALLY INTO 18" ϕ COTTONWOOD 25 FT. UPSTREAM AND 10 FT. INSHORE OF S.G. ON R.B.

Elevation of gauge zero: _____

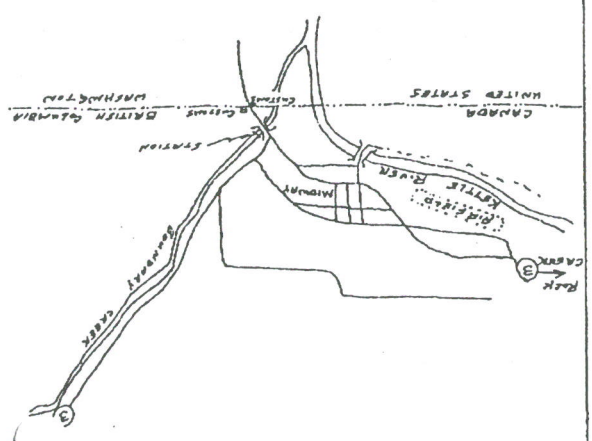
Trace a map and show the relative location of the station, tributaries, towns, etc. Note map number used.

82 E/2

1:50,000

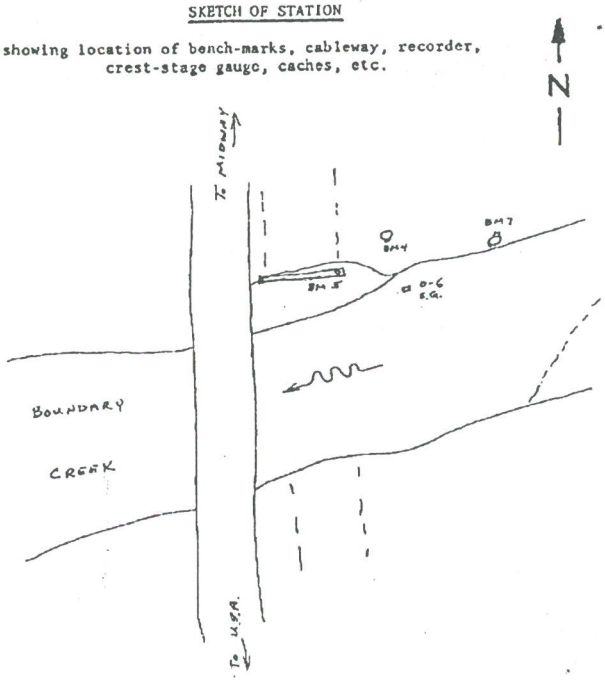
Prepared or Revised by	Date
WJ LUTSIAK	7/4/75

SKETCH OF STATION LOCATION



SKETCH OF STATION

showing location of bench-marks, cableway, recorder, crest-stage gauge, caches, etc.



1-604-666-2469 WATER SURVEY N.WAN 830 P05 32