NOTE:

This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

R 40A
(V-69)

DEPARTMENT OF THE ENVIRONMENT
WATER RESOURCES BRANCH – WATER SURVEY OF CANADA

DESCRIPTION OF STATION

Station Number 08FF001

Station Name KITIMAT RIVER below HIRSCH CREEK · Prov. B.C.

Latitude 54° 03' 34" Longitude 128° 40' 29"

Map Number 103 I/2 E1/2 Scale 1:50,000

Established AUG. 25 1964 · By L.E. SALKELD

Reestablished _____ 19____ By _____

GAUGE Relocated MAY 4 19 78 By G.W. CLENT

700 metres (~~miles, yards~~) (~~upstream~~, downstream) from former location.

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc.
90 METRES WEST (UPSTREAM) FROM ALCAN'S PUMPHOUSE FENCE · 2 Km. DOWNSTREAM FROM HIGHWAY BRIDGE (HAISLA) AT KITIMAT.

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker:
NITROGEN ACTIVATED "EXACTEL" HYDROGAUGE DRIVING A-35 RECORDER. 42 FOOT PIPE BOOM GAUGE WITH WIRE WEIGHT GAUGE.

Description of the equipment from which measurements are made:
HIGHWAY BRIDGE (HAISLA) OVER KITIMAT RIVER IN KITIMAT. 3-WHEEL METERING CRANE (PORTABLE) USED FROM WALKWAY ON UPSTREAM SIDE OF BRIDGE.

Location and description of initial point for soundings:
WHITE PAINT MARK APPROX ℄ OF PIER ON LEFT BANK UPSTREAM RAILING – 1 MARK EVERY 10 FEET, 2 MARKS AT EVERY 50 FEET AND 3 MARKS AT EVERY 100 FEET. TOTAL WIDTH 600 FEET.

Description of channel or other conditions affecting control and discharge and discharge measurement:
ANGLE CURRENTS AND LOGS PILED AROUND CENTRE PIER.

Number of channels at low and high water, approximate depth of water, etc.:
ONE CHANNEL AT ALL STAGES

Coefficient for 2/10 method:

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

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:

B.M. 5 – HIGH POINT OF CONCRETE ANGLE BLOCK (USED AS RIPRAP) 8 m. NORTH OF NORTH WEST CORNER OF RECORDER SHELTER. PAINTED ORANGE. LOCAL ELEV. 3.532 m ('78)

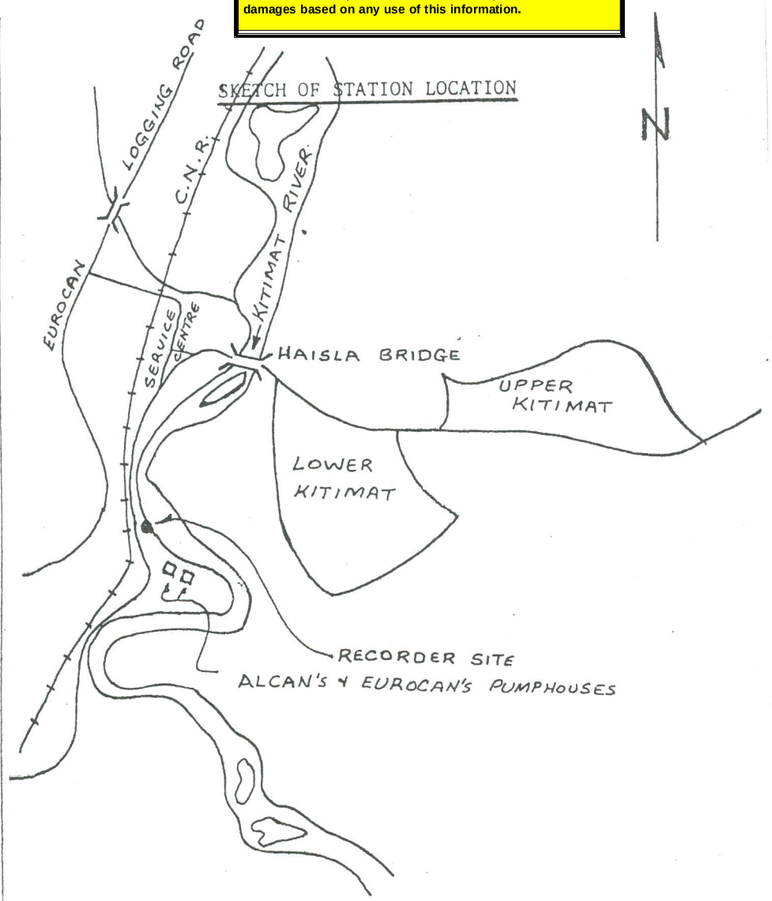
B.M. 6 – W.S. OF. C. ROCK B.M. SET INTO CONCRETE AT UPSTREAM BOOM GAUGE ANCHOR 9.5 M. WEST OF NORTH WEST CORNER OF RECORDER SHELTER. LOCAL ELEV. 6.148 m ('78)

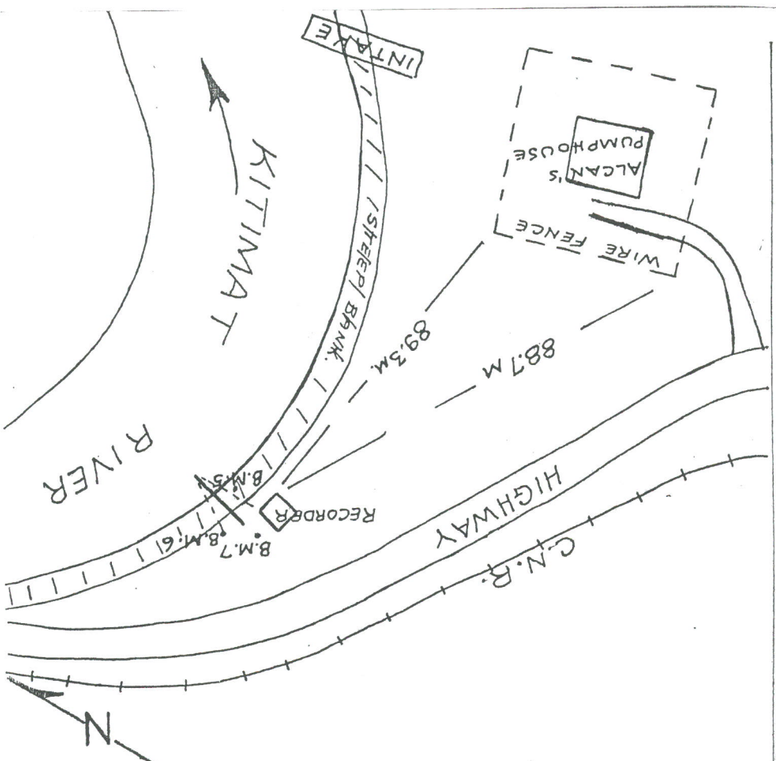
B.M. 7 – W.S. OF C. PIPE BENCH MARK SET 0.3 m BEHIND MAIN PIPE BOOM ANCHOR. 6.5 m SOUTH WEST OF NORTH WEST CORNER OF RECORDER SHELTER. LOCAL ELEV. 6.645m ('78)

Trace a map and show the relative location of the station, tributaries, towns, etc. Note map number used.
103 I/2 E1/2

SCALE 1:50,000

Prepared or Revised by	Date
G.W. CLENT	1978-6-13





SKETCH OF STATION

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

Elevation of gauge zero: GEODETIC-G.S.C.'63 = 19.37 Ft.
ALCAN DATUM = 30.49 Ft.

ORIGINAL LEVELS BY (F.M.B.&K.H.B.)
ON JULY 26, 1971(?)
& TRANSFER, JUNE 20, 1978 (G.W.C.)
(W.D.L.)