R 40A
(V-69)

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

DESCRIPTION OF STATION

Station Number 08HB011

Station Name TSOLUM RIVER near COURTENAY

Prov. B.C.

Latitude 49° 42' 26" Longitude 125° 00' 41"

Map Number 92 F/11 EAST, 92 F/10 WEST Scale 1:50,000

Established MARCH 13 1964 By L.E. SALKELD

Reestablished _____ 19____ By _____

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.
887 FT. DSTR. FROM BRIDGE ON DOVE CREEK ROAD, 1000 FT. UPSTR. FROM FISHERIES WEIR.

MARKED ON AIR PHOTO BC87025 #010

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker:
A-35 RECORDER

Description of the equipment from which measurements are made:
WADING ABOVE BRIDGE AT LOW STAGES
CABLEWAY 30 FT. DSTR. FROM GAUGE FOR MEDIUM AND HIGH STAGES.

Location and description of initial point for soundings:
I.P. L.B. A-FRAME; I MARK EVERY 5 FT, 2 AT 50 FT, 3 AT 100 FT.

Description of channel or other conditions affecting control and discharge and discharge measurement:
EXTREMELY SLOW VELOCITIES AT CABLEWAY DURING LOW STAGES; TREES IN RIVER BELOW GAUGE CAUSE BACKWATER

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

Coefficient for 2/10 method: _____

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

Crest-stage gauge description: 6 FT. CREST-STAGE GAUGE ON R.B. 51 FT. UPSTR. FROM GAUGE AND 5 FT. INSHORE ON 18" DIA. SPRUCE

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:

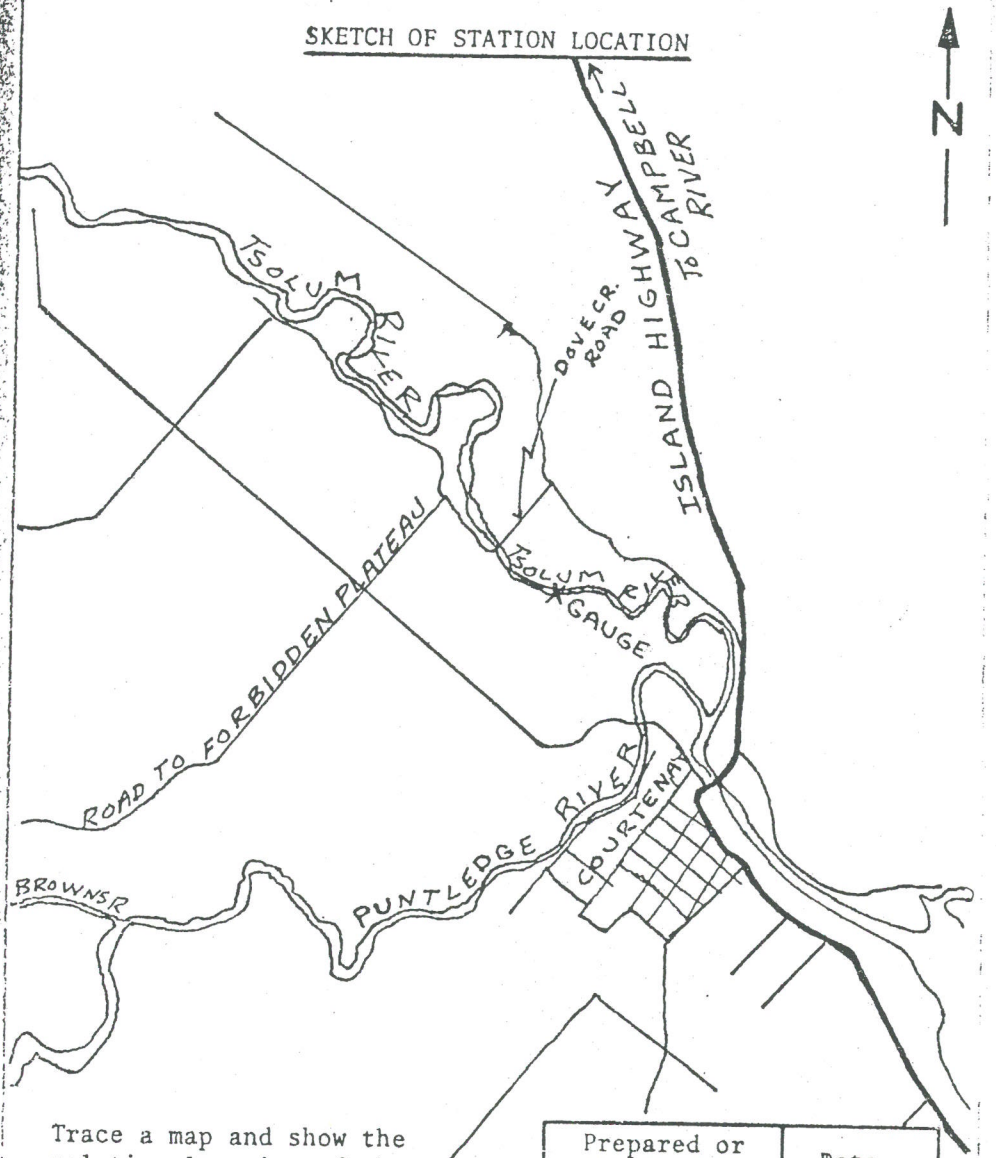
B.M. 1 - ELEV. 18.08 FT. - BRASS CAP ON N.E. CORNER OF ANCHOR BLOCK ON R.B.

B.M. 3 (71) - ELEV. 18.34 FT. - STD. PIPE B.M. ON R.B. 21 FT. DSTR. AND 6 FT. INSHORE FROM GAUGE

B.M. 4 (71) - ELEV. 18.82 FT. - STD. PIPE B.M. ON R.B. 53 FT. UPSTR. AND 4 FT. INSHORE FROM GAUGE

	M	FT.	
B.M. 1	7.291	23.921	WMB 1988 SURVEY G.S.C. DATUM
B.M. 3	7.369	24.177	
BM 4	7.517	24.662	

SKETCH OF STATION LOCATION



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

92 F/11 EAST 1:50000
92 F/10 WEST 1:50000

Prepared or Revised by	Date
L. CONNATTY	4/10/71

Elevation of gauge zero: 1.780 METRES 5.840 FEET

SKETCH OF STATION

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

