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

(5-84)

DESCRIPTION OF STATION

Station Number: 08KE002

Station Name: FRASER RIVER AT QUESNEL

Prov. B.C.

Latitude: 52° 58' 26" Longitude: 122° 29' 52"

Map Number: 93 B/16 WEST HALF Scale: 1:50 000

Established: 1921, MAY 15 By: G.H. WHYTE

Reestablished: 19 By:

Relocated: 1970 SEPTEMBER By: PA LANGFORD

150 (m/km) (upstream/downstream) from former site.

SERVOMANOMETER, RECORDER, SOLAR PANEL INSTALLED 09/11/87 ACTIVATED 10/01/87

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc.

SHELTER LOCATED ON THE LEFT BANK OF THE FRASER R., 450 m ABOVE THE MOUTH OF THE QUESNEL R. ON THE DOWNSTREAM SIDE OF THE MOFFAT BRIDGE TO WEST QUESNEL

Description and location of the gauge:

Wire Weight Gauge (Gauge Type) on upstream side of Moffat Bridge near the left bank. Model 31 servomanometer and A-71 Stage Recorder in shelter 8 m downstream of the Moffat Bridge on left bank.

Description of equipment from which measurements are made

STAGE ONLY

Location and description of initial point for soundings:

N/A

Description of channel or other conditions affecting control and discharge and discharge measurements:

N/A

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

ONE CHANNEL ALL STAGES

Coeff. for 2/10 method: _____ Zero flow at G.H. _____ m

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

NONE

Bench marks, Reference points, Crest-stage gauges:

G.S.C. EL. 471.643 m

BM 5-72 ELEV. 9.921 ('72) - TOP OF SMALL CIRCLE ON BRASS PLUG SET HORIZONTALLY IN LEFT BANK BRIDGE PIER ON THE SIDE FACING THE RIVER

m

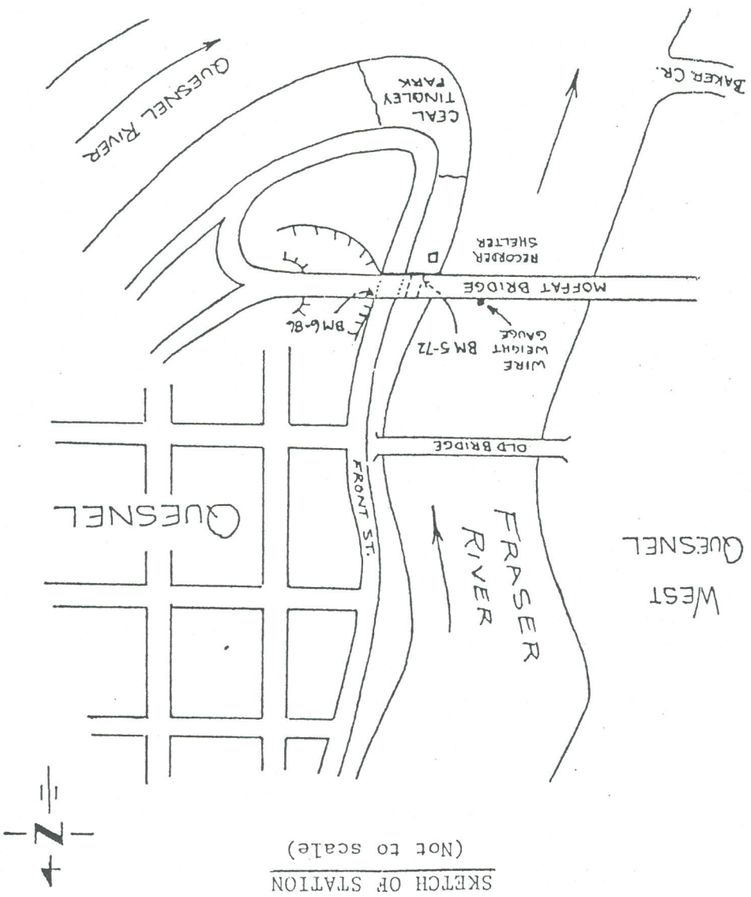
BM 6-86 ELEV. 11.100 (86) - HIGH POINT OF ROCK PAINTED YELLOW AND ORANGE IN CEMENTED RIPRAP OF BRIDGE ABUTMENT AT LEFT BANK

BM-5 LEVELLED IN JUNE 1968 UNDER PROJECT 68RP-5
FIELD BOOK 2509L P. 25
TO GEODETIC BM 702-J EL. 475.871

BM 5 471.643
- 9.921
ELEVATION ZERO GAUGE 461.722 G.S.C.

UNPUBLISHED DATA SUBJECT TO REVISION
Les données non publiées sont sujets à une revision

SKETCH OF STATION
(Not to scale)

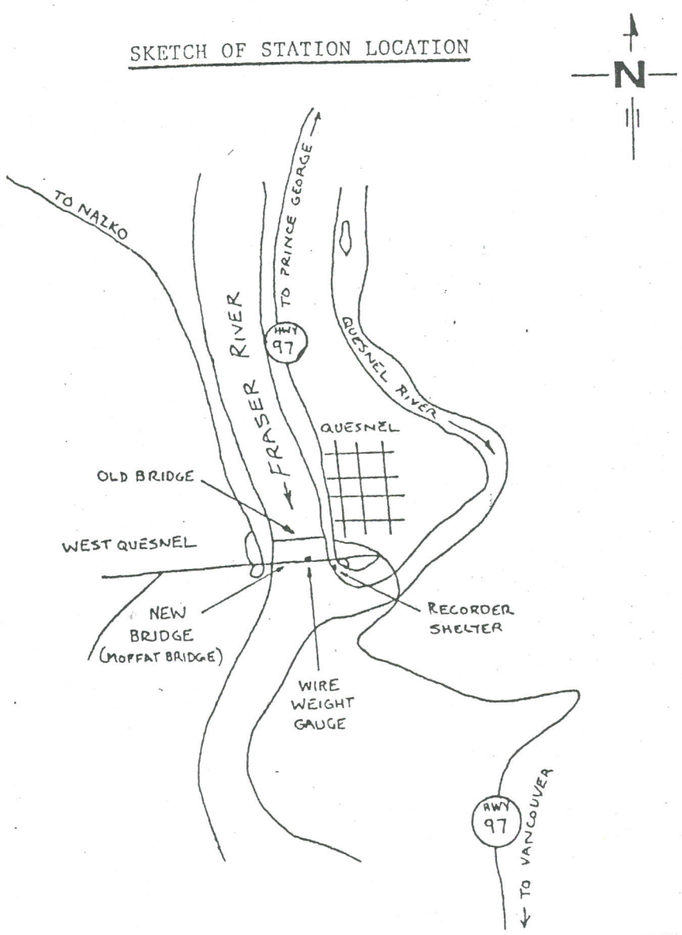


Elevation of gauge zero: 0.000 m ('72) assumed

Add: 461.772 m to convert to GSC datum. Ref'd to: GSC.B.M. 702 J Elev: 475.890 m ('84) 475.871 m ('82)

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SKETCH OF STATION LOCATION



Trace a map and show the relative location of the station, tributaries, towns, etc. Note map number used and scale.
93 B/16 WEST HALF

Prepared or Revised by:	Date Y - M - D	Ch'd By:
S. FERGUSON	89 - 10 - 18	I.S.N.

Scale: 1:50 000