(V-69)

1.

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

DESCRIPTION OF STATION

Station Number OBKE016

Station Name BAKER CREEK

AT QUESNEL Prov. B.C

Latitude 52° 59' 16" N Longitude 122° 31' 12" W

Map Number 93 B Scale 1:250,000

Established JULY 12 1963 By F. ORGNACCO

Reestablished _____ 19____ By _____

Relocated APRIL 10 19 73 By T. SCHWANKE

APPROX 0.5 (miles, yards) (upstream, downstream) from former location _____

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc.
IN WEST QUESNEL APPROXIMATELY 1.5 MILES UPSTREAM FROM ROAD BRIDGE CROSSING BAKER CREEK.

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker:
BOOM GAUGE ("LAMINATED" WOODEN BEAM) WITH CANFIELD GAUGE

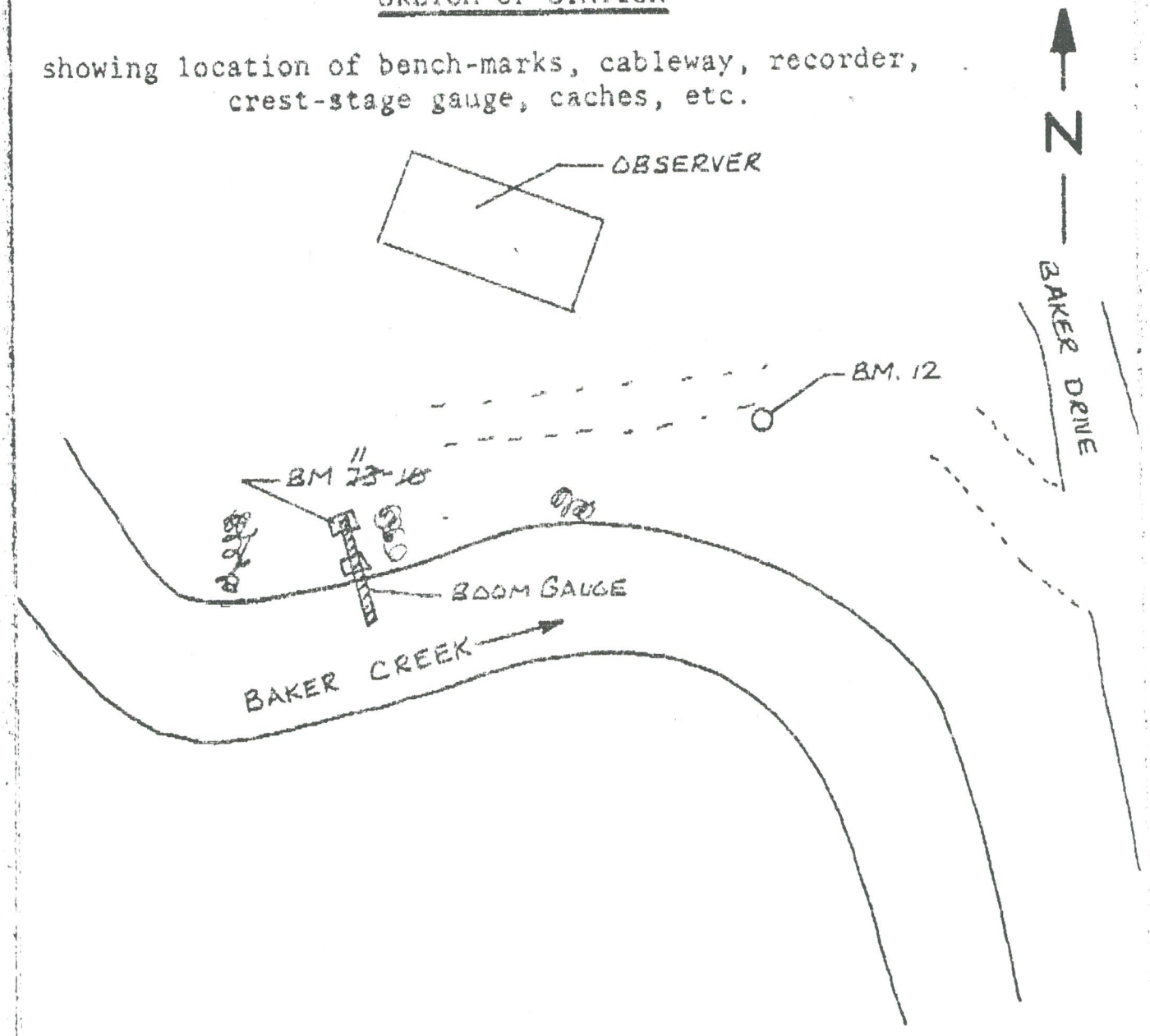
Description of the equipment from which measurements are made:
HANDLINE OR BRIDGE CRANE FROM ROAD BRIDGE DURING HIGH STAGES.
WADE BELOW ROAD BRIDGE DURING MEDIUM AND LOW STAGES OR BELOW BOOM GAUGE

Location and description of initial point for soundings:

Elevation of gauge zero: N.A.

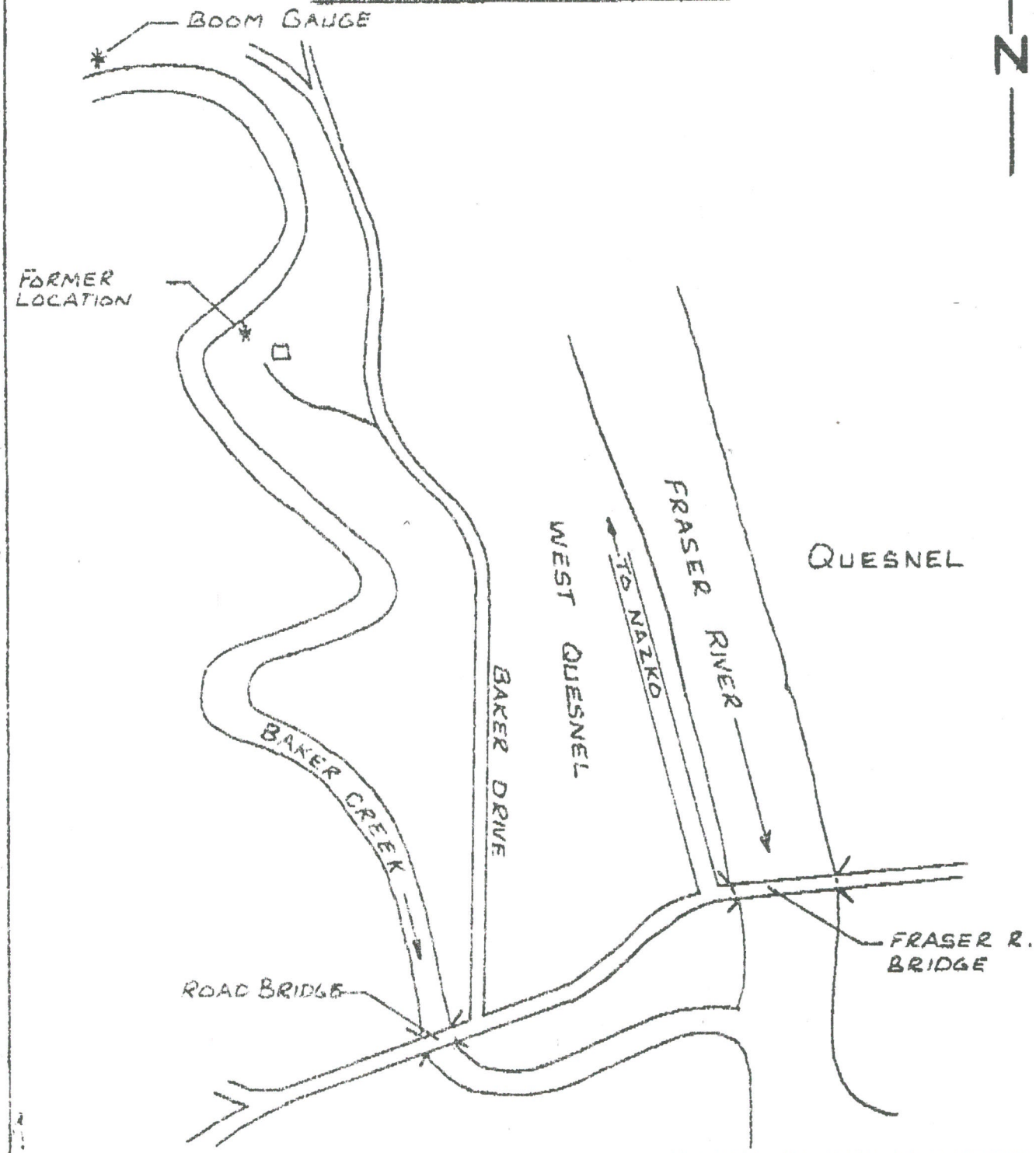
SKETCH OF STATION

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



3

SKETCH OF STATION LOCATION



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

SKETCH ONLY

Prepared or Revised by	Date
T. SCHWANKE	MAY 22 '73

Description of channel or other conditions affecting control and discharge and discharge measurement:
CONTROL CONSISTS OF GRAVEL BARS + MEDIUM SIZED ROCKS AND NATURAL CHANNELS

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

Coefficient for 2/10 method:

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

Crest-stage gauge description:
NONE

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-12 LEVELLED BY PRIVATE CONTRACTOR FOR GEODETIC SURVEY IN 1982 *
6.380M
BM 73-11 : EL. 20.93 ('73) LAG BOLT AND WRB BRASS WASHER SET VERTICALLY IN SHOREWARD CONCRETE FOOTING OF BOOM GAUGE ON UPSTREAM SIDE.
487.059M GSC
6.315M
BM 12 EL 20.72 ('73) BRASS CAP ON STANDARD 5FT PIPE POST APPROXIMATELY 200 FT DOWNSTREAM OF BM 11 AND APPROXIMATELY 50 FT INSHORE ON LEFT BANK.
486.990 METRES G.S.C.

	ELEV.		ELEV.
BM-11	487.059	- 6.380 =	480.679
BM-12	486.990	- 6.315 =	480.675

* ELEVATION ZERO GAUGE = 480.677 METRES OR 1577.024 FEET GEODET