R 40A
(IV-69)

RECEIVED 1973

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

DESCRIPTION OF STATION

Station Number 8JB-5

Station Name FRASER LAKE AT LEJAC

Prov.

Latitude 54° 03' 62" Longitude 124° 45' 48"

Map Number 93 K/2 W Scale 1: 50,000

Established MAY 19 19 50 By H.J. GREIG

Reestablished 19 By

Relocated APRIL 29 19 69 By R.A. COLLEY, P.A. LANGFORD

5 (miles, ~~yards~~) (upstream, downstream) from former location AT FRASER LAKE

Location of station with respect to towns, bridges, highways, railroads, tributaries, islands, falls, dams, etc.
IN SMALL BAY AT LEJAC INDIAN SCHOOL
5 MILES S.E. OF FRASER LAKE HOTEL

Description and location of the gauge. If chain gauge or wire weight, give length from end of weight to the first marker:
A35 RECORDER LOCATED IN SCHOOL WATER SUPPLY PUMP HOUSE
STAFF GAUGE LOCATED 75 FEET N.W. OF PUMP HOUSE. 0'-6'

Description of the 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 measurement:

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

Coefficient for 2/10 method:

Note any conditions affecting the natural flow such as storage and/or diversions:
RECORDER PEN AFFECTED FOR SHORT INTERVALS BY DRAW DOWN IN WELL WHEN PUMP IS ON. RECOVERY IS FAST

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:

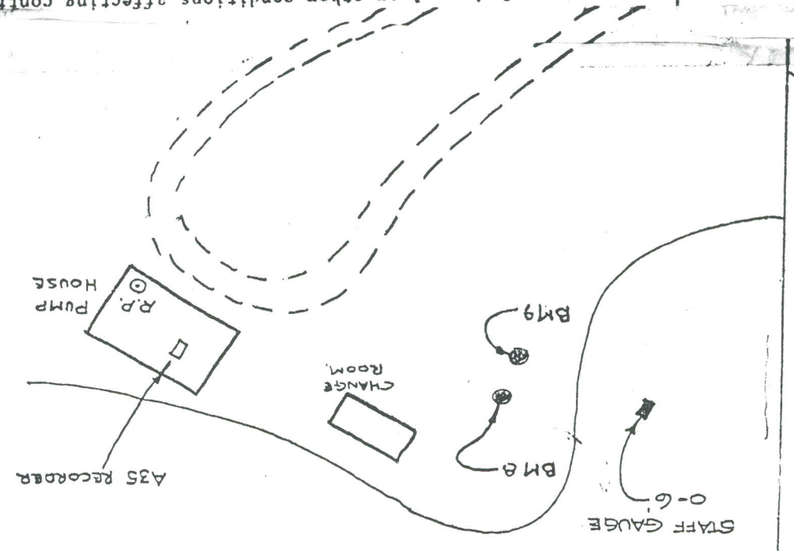
BM 8 ELEV 758 (69) – High Point of Rock outcrop painted with red cross ⊕
30 feet West of change room
BM 9 ELEV 763 (69) Bronze plug in bedrock outcrop 2 feet South of BM 8

B.M. 10 – NO LONGER IN EXISTENCE

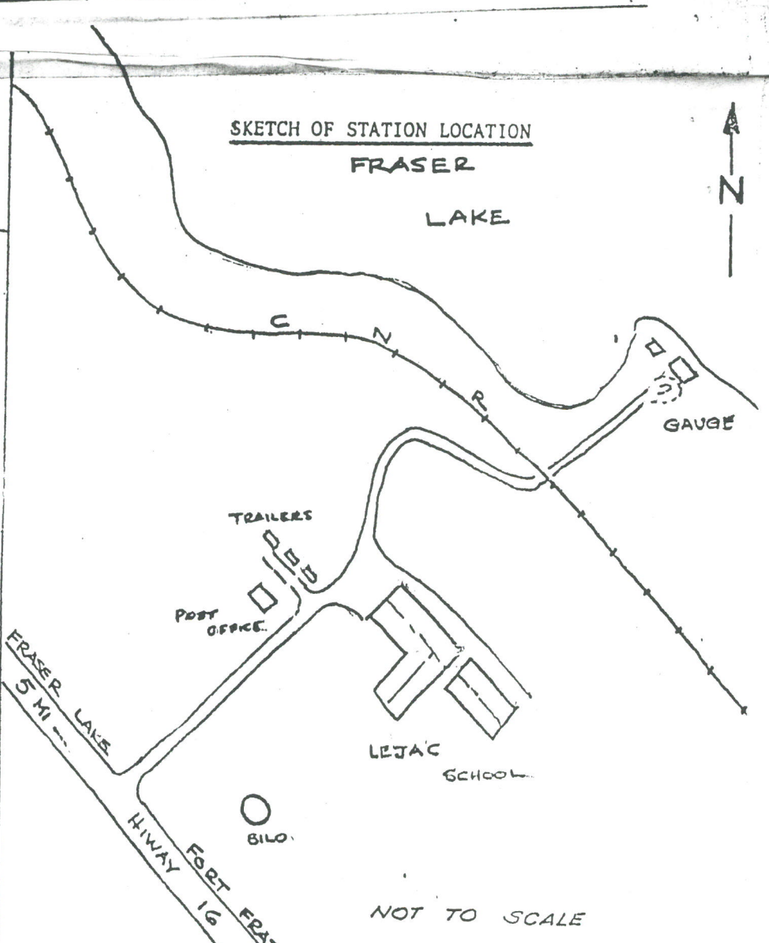
R.P. – POINT ON MANHOLE RIM IN PUMP HOUSE FLOOR DETERMINING WATER LEVEL ELEV. 757 (?M)

SKETCH OF STATION

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



SKETCH OF STATION LOCATION



Elevation of gauge zero:
UNDER PROJECT 76FDC17
IN JULY 1978 BY BC ENVIRONMENT STAFF
SURVEY OF CANADA BENCH MARK 1790-J
BM 9 LEVELLED TO GEODETIC

WSC BM9 = 670.651 METRES Geodetic Elevation

Trace a map and show the relative location of the station, tributaries, towns, etc. Note map number used.
ENLARGED SKETCH TAKEN FROM 93 K/2 W MAP, SCALE: 1: 50,000

Prepared or Revised by	Date
P.A. LANGFORD	AUG. 24/73
P.A. LANGFORD	JAN, 1975

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